



Planning Commission Staff Report

TO: PLANNING COMMISSION / DESIGN REVIEW BOARD

FROM: AMY TEMES, INTERIM PRINCIPAL PLANNER
(480) 503-6729, AMY.TEMES@GILBERTAZ.GOV

THROUGH: CATHERINE LORBEER, AICP, INTERIM PLANNING MANAGER
(480) 503-6016, CATHERINE.LORBEER@GILBERTAZ.GOV

MEETING DATE: AUGUST 1, 2018

SUBJECT: DR18-95, WOMEN'S AND CHILDREN'S TOWER AT MERCY
GILBERT MEDICAL CENTER

STRATEGIC INITIATIVE: Economic Development

To allow the addition of new hospital wing to the existing Mercy Medical Center.

RECOMMENDED MOTION

Approve the Findings of Fact and approve DR18-95, Women's and Children's Tower at Mercy Gilbert Medical Center: site plan, landscape, grading and drainage, elevations, floor plans, lighting, colors and materials for approximately 16.05 acres, generally located at the northeast corner of Val Vista Drive and Mercy Road and zoned Public Facility / Institutional (PF/I) with a Planned Area Development (PAD) overlay.

APPLICANT/OWNER

Company: Dignity Health
Name: Richard Olson
Address: 3200 North Central Avenue
Phoenix, AZ 85012
Phone: 602-307-2266
Email: Richard.Olson@DignityHealth.org

Company: CannonDesign- FKP
Name: Tim Conroy
Address: 3737 Buffalo Speedway, Suite 1200
Houston, TX 77098
Phone: 713-826-4965
Email: tconroy@cannondesign.com

BACKGROUND/DISCUSSION

History

| <i>Date</i> | Description |
|---------------------------|---|
| <i>September 28, 1999</i> | Town Council annexed the Spectrum property and approved a General Plan amendment and Specific Area Plan (GP98-5) for the Spectrum at Val Vista. In addition, Council approved the PAD zoning (Z99-06, Ord. No. 1209) and a Development Agreement. |
| <i>June 20, 2000</i> | Town Council approved an amendment to Spectrum at Val Vista (Z99-65) in Ord. No. 1285. |
| <i>November 18, 2003</i> | Town Council approved a Major General Plan Amendment and rezoning for 102 acres, removing the property from the Spectrum PAD and creating the Gilbert Medical Center per GP03-26 and Z03-28 (Res. No. 2455 and Ord. No. 1527). |
| <i>June 21, 2005</i> | Town Council approved Z05-04 (Ord. No. 1664): the deletion of conditions pertaining to setbacks and building height restrictions along the PAD's southern boundary line. |
| <i>November 7, 2013</i> | The Town Council approved Z13-24 (Ord. No. 2457), deleting the 100' building setback buffer. |
| <i>May 2, 2018</i> | Planning Commission approved DR18-14 Mercy Gilbert MOB 2. |
| <i>June 6, 2018</i> | Planning Commission reviewed DR18-95 at Study Session for site plan, landscape, grading and drainage, and lighting. |
| <i>July 11, 2018</i> | Planning Commission reviewed DR18-95 at Study Session for elevations, colors and materials. |

Overview

Dignity Health intends to build a fully functional, freestanding Women's and Children's Tower, which connects to the existing hospital and includes all associated site work at Mercy Gilbert Medical Center. This facility will contain space that will be licensed by two institutions: Dignity Health and Phoenix Children's Hospital.

The Project includes a 379,295 sf new acute care building containing 12 antepartum beds, 24 labor, delivery and recovery rooms, 4 C-section rooms, 46 postpartum beds, 8 newborn nursery beds, 60 NICU beds, 24 pediatric medical surgical beds and 24 shelled pediatric medical surgical rooms. It also includes 12 OB emergency exam rooms, 24 pediatric emergency exam rooms, 6 pediatric operating rooms, 2 endoscopy rooms, 7 pediatric diagnostic imaging and neuro-diagnostic rooms, a cafeteria and support services to facilitate the operations of both institutions. All parking is located on site.

Surrounding Land Use & Zoning Designations:

| | Existing Land Use Classification | Existing Zoning | Existing Use |
|-------|---|-------------------------------|---------------------|
| North | Utility/Transit Corridor | Public Facility/Institutional | Santan Freeway |
| South | General Office | General Office PAD | Medical Offices |

| | | | |
|------|-------------------------------|-----------------------------------|------------------------|
| East | General Office | General Office PAD | Medical Offices |
| West | Public Facility/Institutional | Public Facility/Institutional PAD | Mercy Gilbert Hospital |
| Site | Public Facility/Institutional | Public Facility/Institutional PAD | Parking Lot |

Project Data Table

| Site Development Regulations | Required per LDC/ Ordinance Nos. 2457, 2222, 1664, and 1527 | Proposed |
|--|--|---|
| Building Square Footage | NA | 379,295 |
| Maximum Height (ft.)/Stories | Bell Tower 120' Top of Cross 137' Main Entrance Dome 92' | 86'6" 6-stories |
| Minimum Building Setbacks (ft.) | | |
| Front | 25' | 25' |
| Side | Internal to Master Site Plan 0' | Internal to Master Site Plan 0' |
| Rear | 15' | 15' |
| Separation Between Buildings | 15'/20' | 15'/20' |
| Minimum Required Perimeter Landscape Area | | |
| Front to ROW | 20' | 25' |
| Side to residential | Internal to Master Site Plan 0' | Internal to Master Site Plan 0' |
| Rear to non-residential | 15' | 15' |
| Landscaping (% of net lot area) | 15% | 15.1% |
| Parking | 1.5 per bed - 192 x 1.5 = 288 new spaces required 2 new loading spaces | 453 provided loading spaces provided greater than 2 but not noted |
| Freeway Trail | 30' easement with a 6'SW and an additional DG path | 30' easement with a 6'SW and an additional DG path and minimum 8' solid wall adjacent when within 300' of buildings. |

DISCUSSION

This is a fast moving expansion project that intends to start underground utility relocations in October of this year with foundation work in December and vertical construction in the spring of 2019.

Site

This project consists of one unified campus, so there are no internal lot lines. The project designers have made an outstanding effort to integrate the site plan with the existing campus,

coordinate landscape, combine grading and drainage, coordinate utilities and prepare appropriate studies. The proposed Women's and Children's Tower is situated 137' from the existing Medical Office Building I and 360' from the new Medical Office Building II. The drive aisles are 24' wide, excepting adjacent to the hospital building where they are 26' wide. The drive aisles in the parking lots are 25' wide with 9'x 19' parking stalls (16.5' with 2.5' overhang adjacent to landscape islands). For fire apparatus routes, 35' interior radius and 55' exterior radius were provided.

The capacity of the existing Central Plant will be expanded to support the new Tower. This expansion will be a combination of modifications to the existing boiler and chiller rooms, new space constructed for the additional electrical services and expanding the exterior yard to accommodate additional cooling towers and emergency generators. New utility and mechanical equipment screens located at the back of house expansion will match existing EIFS/Stone Veneer over CMU construction and heights. All new mechanical equipment associated with new building will be located on the new building's rooftops.

All vehicle and bicycle parking is located on site. Parking screening walls for parking, storage and loading areas will match the existing campus method, which is a combination of landscaping and built knee wall. The dual helipad will be secured with open galvanized steel fencing for safety. Areas immediately adjacent to the new dual pad helipad area will be planted with low ground cover or turf grass. Alternatively, rip rap may be used surrounding the helipad, with no plants installed. In either case, no trees will be planted that will impact or interfere with the helicopter traffic patterns or pilot sight lines. Safety bollards are used for safety in and around the back of house and at the patient drop-offs. At the patient drop-off, the bollard rows are broken up with potted plants every four bollards. Decorative pavement is provided at all drop-off locations.

Landscape

The Mercy Gilbert Medical Center Women and Children's Tower will use the landscape palette from the existing campus and draw from the colors and materials of existing hardscape designs. All pavement types are to be ADA accessible and comply with all building codes. All perimeter sidewalks will be standard grey concrete walks. All parking lots will be asphalt and will tie into the existing parking lot asphalt paving. New landscape islands will be integrated into the parking areas. At all locations where pedestrians cross vehicular traffic, ADA concrete ramps will be located, and the surface will be pavers bound by concrete curbing. Landscape containers may be located at the entrance to the new facility to provide sculptural planting near the entry, and to supplement the traffic bollards.

The paving at the main entry drive aisle and pedestrian drop-off will be decorative pavers bound by concrete curbing. These pavers will be vehicular rated 12" x 12" pavers, placed at 45 degrees to the dominant curb line, in a running bond pattern. Use of pavers at the entry drive aisle references the existing drop off areas, which feature decorative pavers in ornate patterning. The paving for all ambulance parking will be integral color concrete. The paving at the building entry pedestrian areas will be a combination of exposed aggregate and pavers, used in a harmonious patterning within landscape areas. Pedestrian area pavers will be 6" x 12" nominal size, ground and shot blast finish with no chamfer, placed in running bond pattern. Material will be Ackerstone and color will be Pewter Del Rio face mix. A geometric paving pattern with several raised bed planters will be located near the primary facility entrance. The geometry is based on a 12' grid spacing, a

dimension consistent with the spacing of the main entry columns from the entry curb line. The grid accommodates several different circulation routes and different quality of gathering or personal spaces.

Planting is planned for all portions of the development site not occupied by buildings, structures, ambulance/ vehicle access, parking areas, loading and unloading. All plant material will be low water-use, drought-adapted, and designed to reinforce pedestrian and vehicular circulation. Sizing of plant material will be as follows: all trees will be 24" to 48" box, Palm trees will be 20' trunk height Date Palms, all shrubs will be sourced as a 5-gallon or 15-gallon container, and the accents and grasses will be sourced in a 5-gallon container. The landscape character will continue the updated Mercy Gilbert Medical Center aesthetic and will tie into the existing landscape character of the campus. All plant materials will be located so that at maturity the edge of the plant will be no closer than 3 feet to any fire hydrant or fire suppression device. All mechanical equipment, electrical meters and similar utility cabinets will be screened from public view with appropriate plantings.

The Streetscape along South Mercy Road between East Woodside Court and East Bonanza Road, currently functioning as a retention basin, will be redeveloped as parking. The storm water currently retained in the basin will be stored under the new parking area. High value existing plants within the basin will be salvaged and replanted within the project, and the remaining plants will be removed. Areas along South Mercy Road north of this project are associated with the Medical Office Building site but will be designed as part of this project. That streetscape will perpetuate the existing planting and decomposed granite that has been established on the original project to the south. Entry points will be punctuated with several Date Palm trees to denote a sense of entry and to help wayfinding throughout the campus. The epalms are consistent with the existing Medical Campus . The sidewalk, curb, and gutter will remain in place, or installed in areas where it doesn't currently exist. The appropriate mix of shade trees will be incorporated along all property lines. The trees will be spaced at 25' on center average with a minimum of 5 shrubs per tree and a minimum 50% groundcover. A mix of tree sizes will be used in this area; fifty percent of tree quantities will be 2" caliper trees and fifty percent will be 3" caliper trees.

The parking lots will have a minimum of 10% of the total surface parking lot area landscaped exclusive of landscaped setbacks. Parking islands will be planted with a variety of regionally native and drought tolerant trees, shrubs, and groundcovers. Paved sidewalks lined with shade trees will be provided in landscape islands to indicate clear pedestrian routes through the parking lot and will connect to the greater overall project pedestrian circulation network. A stucco and masonry screen wall will screen the parking lot from South Mercy Road.

The main entry drop-off to the facility will be clearly identified with signage and enhanced paving, signaling arrival at the main entry. A landscape island will separate the drop-off loop from the access drive, creating a safe and an inviting sense of arrival. Kornegay concrete landscape containers will be incorporated into the main entry to present an inviting space. Bollards will be utilized along the main entry drop-off to improve pedestrian safety and provide additional site lighting. A raised integral concrete surface (speed table) may be incorporated between the parking and main entry to slow traffic in this area.

Raised bed planters will contain architectural features matching the building. Waste receptacles will be located near each building entry. Bicycle racks manufactured by Forms and Surfaces or approved equal will be located near the facility entry. Tensile Shade structures located at two locations along the pathway between the MOB and Tower will provide reliable shade respite areas.

A staff patio will be located adjacent to the facility. The staff patio will be paved with a simple decorative concrete treatment and will have waste receptacle, seating areas, tables, and possibly raised planters or screening fencing to create a visual separation and a sense of privacy for the staff. The landscape will be shady, cool, and easily maintained. Butterfly and bird friendly plantings will be incorporated to encourage calming interaction with wildlife.

A shade garden will be located at the east side of the tower building. This garden will be under cover and screened from the eastern sun by an architectural shade element. This garden will be very shady and will therefore provide a respite from the bright sun, but also provide a unique environment. Shade tolerant plant species will be selected for this area. The planting concept will show sculptural and interesting plants in individuals or small groupings, but allow for open space between the plants to allow for space and a contemplative, peaceful environment. A pathway will bisect this shade garden and seating will be provided. The shade garden may engage with and merge with the outdoor café seating area. Due to the unique requirements of this garden, the plants will be different from the rest of the planting palette.

Grading and Drainage

The proposed grading and drainage plan generally meets the requirements of the Town of Gilbert's Engineering Division. Retention provided is for a 50 year 24 hour storm with 3" of water. A majority of the retention is under ground with some water held in small perimeter basins.

Elevations, Floor Plan, Colors and Materials

The exterior elevations have been well vetted. At the July 11, 2018 Planning Commission Study Session, the Commissioners stated they were very pleased with the elevations and the integration of existing features into the new building, but with a modern style. Some of the items discussed were the use of a stone similar to the existing in color but with a smoother texture and differing pattern. The existing EFIS color will be used as the primary field color with copper and bronze accents playing off of the existing dome features. A small dome, located at the transition between the old and the new buildings, has been removed and a vertical metal clad feature has been added. The windows will transition using the same rectangle proportions and similar modified mullion design, but the glass color will be grey. As the building moves northeast, the windows and architectural features become more horizontal and less vertical. No point of the new building will exceed the cross on the existing hospital at 137' high.

Lighting

Employee, guest, and patient safety is a primary goal. All vehicular and pedestrian areas will be lit to the minimum requirements and provide a safe condition. The surface parking lots will have pole lights. The primary pedestrian walks will be lit with illuminated Bega 9" tall 180-degree pathway lights. The main entry and drop off will be lighted with illuminated security bollards. Landscape uplights will be utilized at the main entrance, and at the main entry drive. All site lighting will be required to comply with Town codes.

Signage

Signage is not included in this approval. Administrative Design Review approval is required prior to permitting, amending DR05-118 Mercy Medical Campus Master Sign Plan.

PUBLIC NOTIFICATION AND INPUT

An official notice was posted in all the required public places within the Town and neighborhood notice was provided per the requirements of the Land Development Code (LDC) Article 5.205.

Staff has received no comment from the public.

STAFF RECOMMENDATION

Approve the Findings of Fact and approve DR18-95, Women's and children's Tower at Mercy Gilbert Medical Center: site plan, landscape, grading and drainage, elevations, floor plans, lighting, colors and materials for approximately 16.5 acres, generally located at the northeast corner of Val Vista Drive and Mercy Road and zoned Public Facility/Institutional (PF/I) with a Planned Area Development (PAD) overlay, subject to conditions:

1. Construction of the project shall conform to the exhibits approved by the Planning Commission at the 8/1/2018 public hearing.
2. The construction site plan documents shall incorporate the Standard Commercial and Industrial Site Plan Notes adopted by the Design Review Board on March 11, 2004.
3. Signage is not included in this approval. Administrative Design Review approval is required prior to submitting for sign permits.
4. The final design for the Val Vista Drive and Mercy Road intersection improvements: extending the south bound left turn pockets on Val Vista Drive and extending the west bound right turn pockets on Mercy Drive, signal improvements and restriping shall be required during construction document review and approved by the Town Engineer.

Respectfully submitted,
Amy Temes
Interim Principal Planner

Attachments and Enclosures:

- 1) Finding of Fact
- 2) Notice of Public Hearing
- 3) Aerial Photo
- 4) Site Plan with Entries Highlighted
- 5) Circulation Plan
- 6) Landscape with Details
- 7) Grading and Drainage
- 8) Colors and Materials
- 9) Elevations/Perspectives

10) Floor Plans

11) Lighting

FINDINGS OF FACT

DR18-95, Women's and Children's Tower at Mercy Gilbert Medical Center

1. The project as conditioned is consistent with the applicable Design Guidelines;
2. The project conforms to the General Plan, and specifically to the Land Use, Community Design, and Environmental Planning Elements;
3. The project is consistent with all applicable provisions of the Zoning Code;
4. The project is compatible with adjacent and nearby development; and
5. The project design provides for safe and efficient provisions of public services.

Notice of Public Hearing

PLANNING COMMISSION DATE:

Wednesday, August 1, 2018* TIME: 6:00 PM

**LOCATION: Gilbert Municipal Center
Council Chambers
50 E. Civic Center Drive
Gilbert, Arizona 85296**

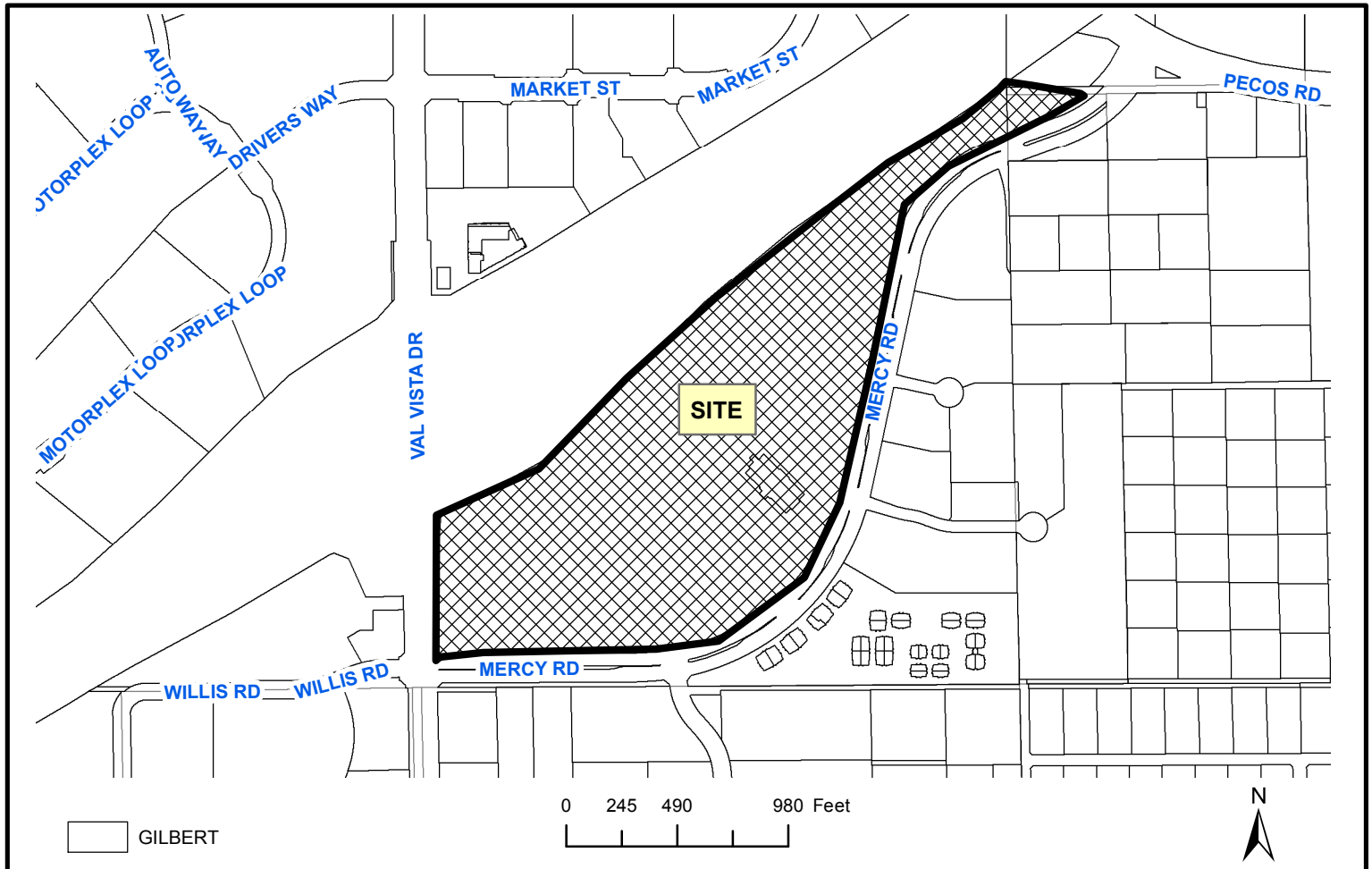
*** Call Planning Department to verify date and time:
(480) 503-6729**

* The application is available for public review at the Town of Gilbert Development Services division Monday - Thursday 7 a.m. - 6 p.m. Staff reports are available the Monday prior to the meeting at <https://www.gilbertaz.gov/departments/development-services/planning-development/planning-commission>

REQUESTED ACTION:

DR18-95, New Women's and Children's Tower at Mercy Gilbert Medical Center: Site plan, landscaping, grading and drainage, building elevations, colors and materials, and lighting for approximately 15.05 acres, generally located at the northeast corner of Val Vista Drive and Mercy Road, and zoned Public Facility Institutional with a Planned Area Development (PAD) overlay.

SITE LOCATION:



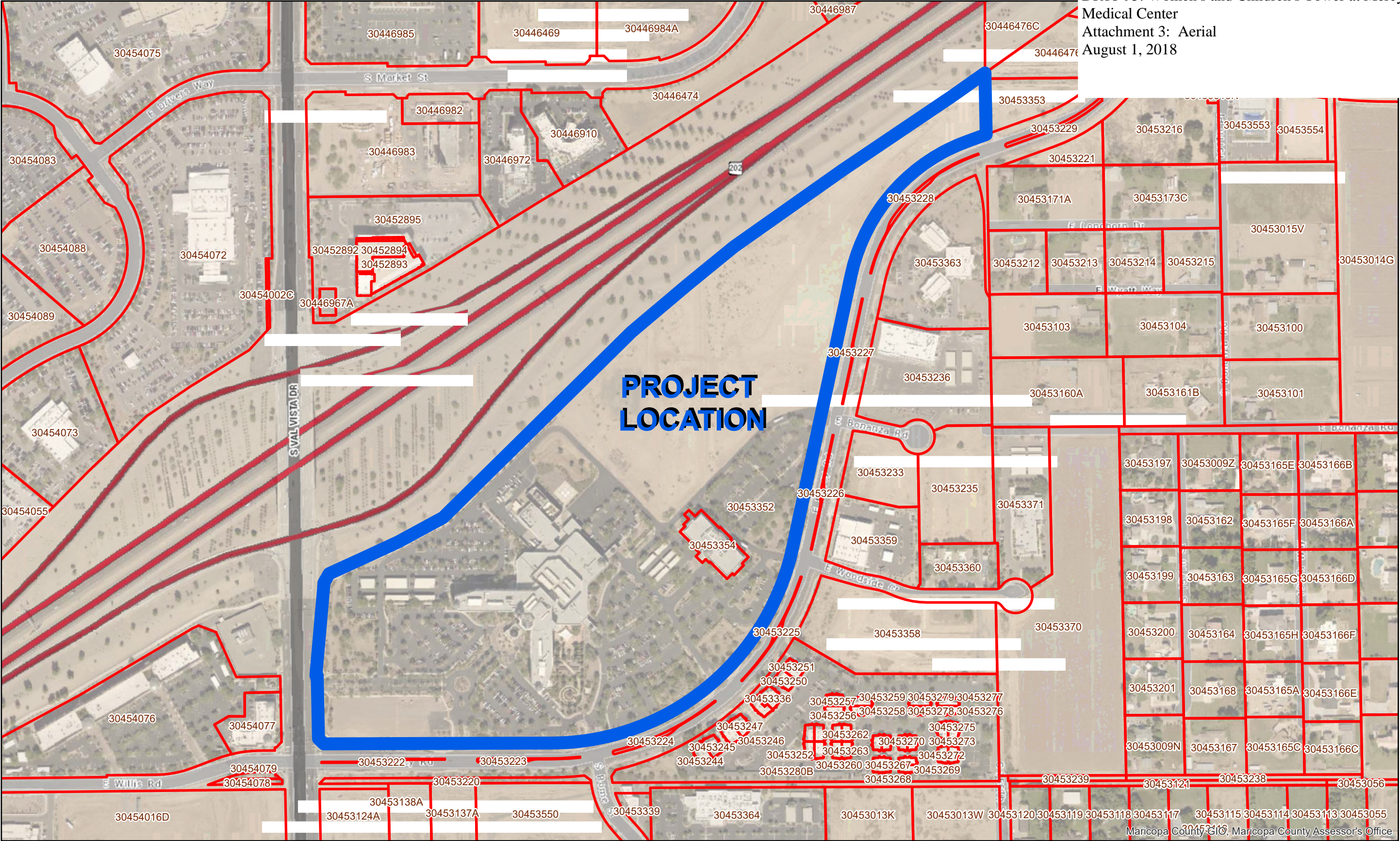
**APPLICANT: CannonDesign - FKP
CONTACT: Tim Conroy
ADDRESS: 3737 Buffalo Speedway, Ste. 1200
Houston, TX 77098**

**TELEPHONE: (713) 826-4965
E-MAIL: tconroy@cannondesign.com**

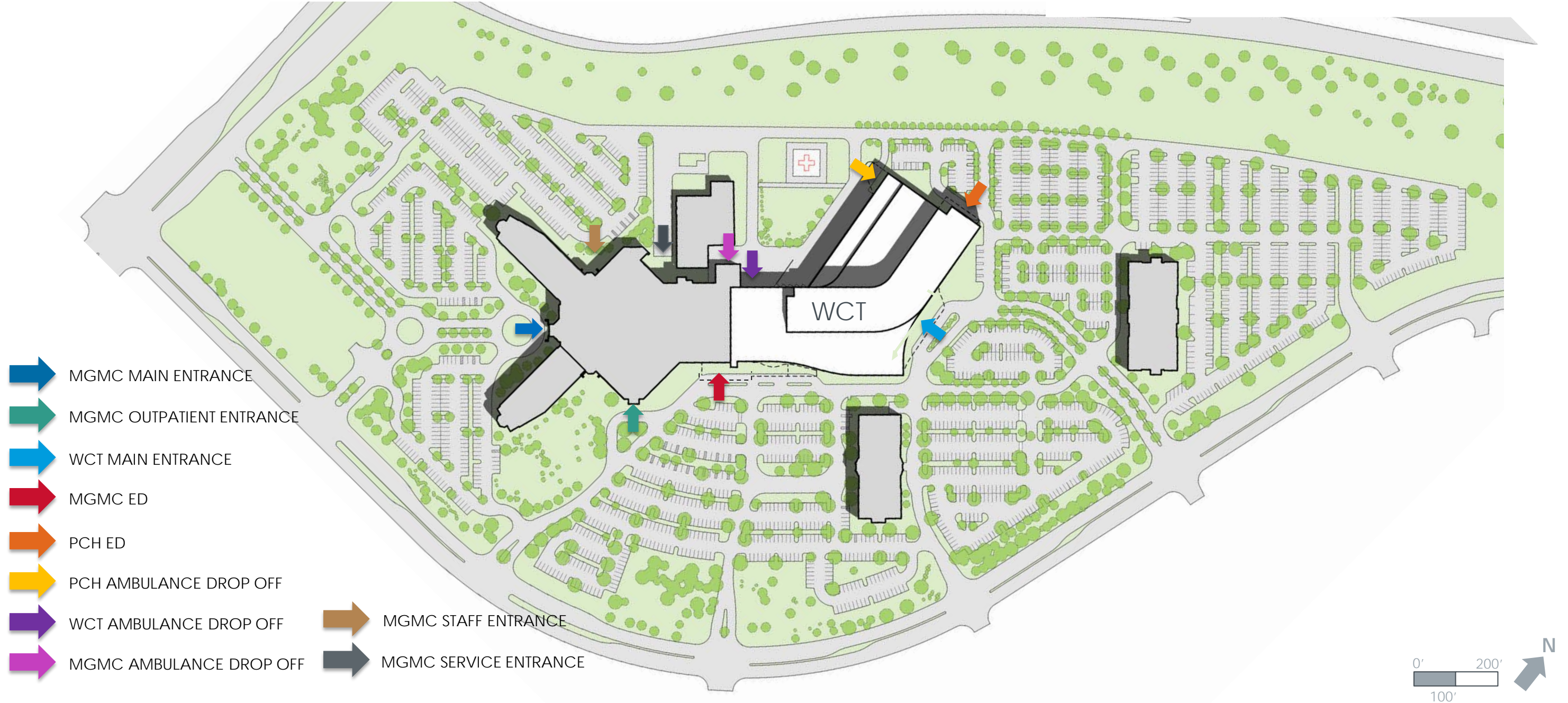
Mercy Gilbert Medical Center Women & Children's Tower



DR18-95: Women's and Children's Tower at Mercy Gilbert
Medical Center
Attachment 3: Aerial
August 1, 2018

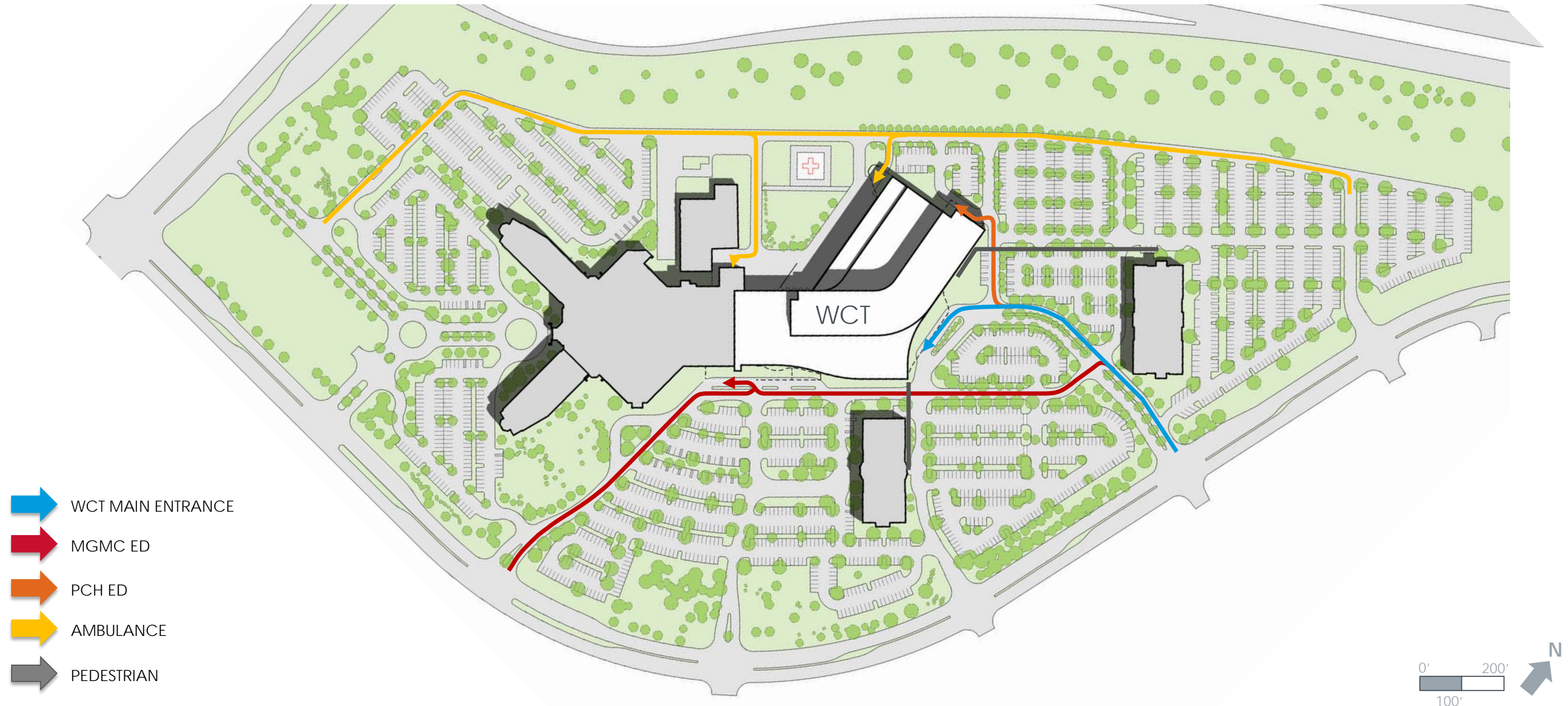


Site Plan (Entrances)



Site Plan (Major Traffic Flows)

Women & Children's Tower at MGMC



- LANDSCAPE GENERAL NOTES
1.

THE CONTRACTOR SHALL OBTAIN, AT HIS EXPENSE, ALL PERMITS WHICH ARE NECESSARY TO PERFORM THE PROPOSED WORK PER THE PLANS.

2.

THE CONTRACTOR SHALL FOLLOW THE IMPROVEMENT PLANS AS CLOSELY AS POSSIBLE. ANY DISCREPANCY BETWEEN THE PLANS AND THE FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.

3.

SIGHT VISIBILITY TRIANGLE SHALL BE CLEAR OF LANDSCAPING AND OTHER VISIBILITY OBSTRUCTIONS WITH A HEIGHT GREATER THAN 2 FEET. TREES WITHIN THE SIGHT VISIBILITY TRIANGLE SHALL HAVE A CANOPY THAT BEGINS AT 8 FEET IN HEIGHT UPON INSTALLATION.

4.

PLANTING SEASON: WITHIN THE OVERALL PROJECT PHASING AND COMPLETION REQUIREMENTS, THE SCHEDULE FOR PLANTING OF TREES AND SHRUBS SHALL BE AT THE DISCRETION OF THE CONTRACTOR. PLANTING DURING EXTREMELY COLD, HOT, OR WINDY PERIODS SHALL BE PERFORMED AT THE CONTRACTOR'S RISK. PLANTS WHICH ARE DAMAGED OR DIE PRIOR TO FINAL ACCEPTANCE AS A RESULT OF EXTREME WEATHER CONDITIONS OR OTHER ACTS OF GOD SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

5.

PLANT SIZE, LOCATION AND SPACING:

5.1.

TREES AND SHRUBS ARE TO BE LOCATED SO THAT, AT MATURITY, THEY DO NOT INTERFERE WITH EXISTING ONSITE OR OFF-SITE UTILITY SERVICE LINES OR UTILITY EASEMENTS TO AN ADJACENT PROPERTY.

5.2.

ALL SHRUBS AND GROUNDCOVERS TO BE A MINIMUM OF 2' FROM BACK OF SIDEWALK.

6.

PLANT PLACEMENT TO BE FIELD ADJUSTED AS NEEDED TO AVOID EXISTING/PROPOSED UTILITIES, AND OTHER FIELD CONDITIONS. CONTACT THE OWNER'S REPRESENTATIVE FOR RELOCATION OF PLANTS IN QUESTIONABLE AREAS.

7.

WRITTEN DIMENSIONS WILL TAKE PRECEDENCE OVER SCALED DIMENSIONS.

8.

THE CONTRACTOR SHALL TAKE EXTREME CARE WHILE WORKING WITHIN THE PROJECT AREA AS TO NOT DISTURB ANY EXISTING UTILITIES OR STRUCTURES ON OR ADJACENT TO THE PROJECT AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING AND OR REPAIRING ANY EXISTING STRUCTURES OR UTILITIES DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.

9.

ALL WORK SHALL BE CONFINED TO THE AREA WITHIN THE CONSTRUCTION LIMITS AS SHOWN ON THE PLANS. ANY AREAS OR IMPROVEMENTS DISTURBED OUTSIDE THESE LIMITS SHALL BE REVEGETATED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. IN THE EVENT THE CONTRACTOR REQUIRES A MODIFICATION TO THE CONSTRUCTION LIMITS, WRITTEN PERMISSION MUST BE OBTAINED FROM THE CITY REPRESENTATIVE PRIOR TO ANY DISTURBANCE OUTSIDE OF THE LIMITS OF WORK.

10.

NOTIFY THE OWNER'S REPRESENTATIVE 48 HOURS IN ADVANCE OF ANY INSPECTIONS AND / OR APPROVALS OF LANDSCAPE MATERIAL AND IRRIGATION PRODUCTS PRIOR TO INSTALLATION.

11.

THE CONTRACTOR SHALL WARRANTY THE PLANT MATERIAL, IRRIGATION SYSTEM, AND WORKMANSHIP FOR A MINIMUM PERIOD OF ONE YEAR.

12.

ALL TREES ARE TO BE STAKED AND GUYED PER LANDSCAPE DETAILS FOR A PERIOD OF ONE YEAR, CONTRACTOR SHALL REMOVE ALL STAKING AND GUYING, PRIOR TO THE FINAL, ONE YEAR WALK THROUGH. LOCATION OF ALL ELEMENTS ON THIS PLAN SHALL BE APPROVED BY OWNER'S REPRESENTATIVE, PRIOR TO INSTALLATION.

MERCY GILBERT

MEDICAL CENTER

WOMEN & CHILDREN'S TOWER

GILBERT, ARIZONA 85297

SHEET INDEX

| EXHIBIT # | DESCRIPTION | 06/17/18 ISSUED FOR: DESIGN REVIEW RESUBMITTAL | 07/12/18 ISSUED FOR: DESIGN REVIEW RESUBMITTAL |
|-----------|--------------------------|---|---|
| 5.00 | LANDSCAPE COVER | X | X |
| 5.10 | LANDSCAPE PLAN RENDERING | X | X |
| 5.20 | LANDSCAPE PERSPECTIVE | X | X |
| 5.21 | LANDSCAPE PERSPECTIVE | X | X |
| 5.30 | LANDSCAPE DETAILS | X | X |
| 5.31 | LANDSCAPE DETAILS | X | X |
| 5.41 | LANDSCAPE PLAN | X | X |
| 5.42 | LANDSCAPE PLAN | X | X |
| 5.43 | LANDSCAPE PLAN | X | X |
| 5.44 | LANDSCAPE PLAN | X | X |
| 5.45 | LANDSCAPE PLAN | X | X |
| 5.46 | LANDSCAPE PLAN | X | X |
| 5.47 | LANDSCAPE PLAN | X | X |
| 5.50 | PLANT PALETTE | X | X |
| 5.51 | PLANT PALETTE | X | X |

LANDSCAPE CALCULATIONS

| | AREA | PERCENT OF TOTAL SITE |
|----------------------------------|--------------|-------------------------|
| LANDSCAPE AREA ON SITE: | 142,631 S.F. | 21.70% |
| LANDSCAPE AREA IN PUBLIC R.O.W.: | 14,357 S.F. | 2.19% |
| TOTAL LANDSCAPE AREA: | 156,988 S.F. | 34.56% |
| PERCENT LANDSCAPE COVERAGE: | 120,565 S.F. | 84% (OF LANDSCAPE AREA) |
| TOTAL SITE AREA (NET): | 655,521 S.F. | 100% |

DR18-95: Women’s and Children’s Tower at

Mercy Gilbert Medical Center

Attachment 6: Landscape

August 1, 2018

- TOWN OF GILBERT NOTES
1.

CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THESE PLANS, ANY AND ALL DEVIATIONS WILL REQUIRE REAPPROVAL. LANDSCAPE INSTALLATION TO BE APPROVED BY THE TOWN OF GILBERT INSPECTION SERVICES BEFORE A CERTIFICATE OF OCCUPANCY IS ISSUED.THE CONTRACTOR SHALL FOLLOW THE IMPROVEMENT PLANS AS CLOSELY AS POSSIBLE. ANY DISCREPANCY BETWEEN THE PLANS AND THE FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.
2.

A TOWN OF GILBERT PERMIT IS REQUIRED FOR THE INSTALLATION OF ANY LANDSCAPING OR IRRIGATION SYSTEM. IRRIGATION LINES MUST BE INSPECTED BEFORE BACKFILLING. A SET OF 4 MIL. PHOTO-MYLAR "AS-BUILT" PLANS ARE REQUIRED.PLANTING SEASON: WITHIN THE OVERALL PROJECT PHASING AND COMPLETION REQUIREMENTS, THE SCHEDULE FOR PLANTING OF TREES AND SHRUBS SHALL BE AT THE DISCRETION OF THE CONTRACTOR. PLANTING DURING EXTREMELY COLD, HOT, OR WINDY PERIODS SHALL BE PERFORMED AT THE CONTRACTOR'S RISK. PLANTS WHICH ARE DAMAGED OR DIE PRIOR TO FINAL ACCEPTANCE AS A RESULT OF EXTREME WEATHER CONDITIONS OR OTHER ACTS OF GOD SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
3.

BACKFLOW PREVENTION DEVICES SHALL MEET THE REQUIREMENTS OF THE TOWN OF GILBERT BACKFLOW PREVENTION ORDINANCE #869 CROSS CONNECTION CONTROL. OTHERWISE KNOWN AS ARTICLE 7-14 OF THE TOWN OF GILBERT MUNICIPAL CODE. FOR ADDITIONAL BACKFLOW SPECIFICATIONS, SEE GILBERT UNIFIED LAND DEVELOPMENT CODE APPENDIX.WRITTEN DIMENSIONS WILL TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4.

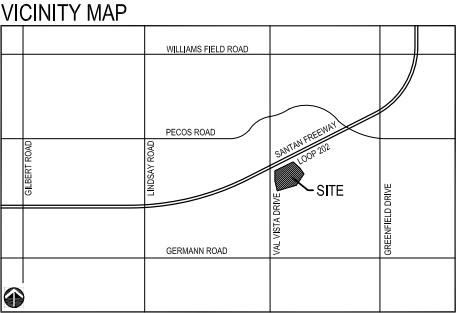
BEFORE THE TOWN OF GILBERT WILL ACCEPT AN INSTALLED BACKFLOW DEVICE FOR APPROVAL, THE FOLLOWING MUST BE ACCOMPLISHED:THE DEVICE MUST BE TESTED BY A STATE CERTIFIED BACKFLOW TESTER AND TEST RESULTS FORWARDED TO THE TOWN OF GILBERT BACKFLOW SPECIALIST. THE TOWN WILL PROVIDE AN UP-TO-DATE LIST OF CERTIFIED TESTERS FROM WHICH TO BE SELECTED. TESTER FEES WILL BE AT THE EXPENSE OF THE INSTALLER.
5.

ALL LANDSCAPE AREAS AND MATERIALS SHALL BE MAINTAINED IN A HEALTHY, NEAT, CLEAN, AND WEED FREE CONDITION. THIS SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.
6.

ALL PLANT MATERIALS ARE GUARANTEED FOR A MINIMUM PERIOD OF SIXTY (60) DAYS FROM THE DATE OF FINAL APPROVAL BY THE CITY. ANY PLANT MATERIALS WHICH ARE NOT APPROVED BY THE CITY PRIOR TO OCTOBER 1 OF THE CALENDAR YEAR IN WHICH THEY ARE INSTALLED, SHALL BE FURTHER GUARANTEED UNTIL MAY 20 OF THE FOLLOWING CALENDAR YEAR. TREES, SHRUBS, VINES, GROUND COVER AND TURF WHICH HAVE TO BE REPLACED UNDER TERMS OF THE GUARANTEE, SHALL BE GUARANTEED FOR AN ADDITIONAL 60 DAYS FROM THE DATE OF REPLACEMENT.
8.

ALL PLANT MATERIALS MUST BE MAINTAINED IN HEALTH AND VIGOR AND BE ALLOWED TO ATTAIN NATURAL SIZE AND SHAPE IN ACCORDANCE WITH THE ORIGINALLY APPROVED LANDSCAPE PLAN.
9.

PRIOR TO ANY CONSTRUCTION OR UTILITY WORK STARTING WITHIN A CITY R.O.W. WHICH WILL AFFECT EXISTING CITY OWNED AND MAINTAINED LANDSCAPING OR IRRIGATION SYSTEMS, THERE WILL BE A MEETING ON-SITE TO SHOW THAT THE EXISTING SYSTEMS OR LANDSCAPED AREAS ARE IN PROPER REPAIR AND FUNCTIONING. AT THE COMPLETION OF THE CONSTRUCTION WORK, THERE WILL BE ANOTHER MEETING AND INSPECTION ON-SITE. THE SAME AREAS AND SYSTEMS WILL AGAIN BE REVIEWED. ANY DAMAGE TO THE LANDSCAPING OR TO THE IRRIGATION SYSTEM WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR OR UTILITY COMPANY, AND MUST BE REPAIRED TO THE SATISFACTION OF THE CITY WITHIN 5 WORKING DAYS. WORK THAT IS NOT COMPLETED WITHIN THE ALLOTTED TIME, THE CITY WILL MAKE THE REPAIRS OR CORRECTIONS AND MONEY WILL BE DEDUCTED OR BILLED TO THE GENERAL CONTRACTORS ON THE PROJECT. THE INDIVIDUALS WHICH SHOULD BE REPRESENTED AT THESE ON-SITE MEETINGS SHALL BE: A REPRESENTATIVE FROM THE CONTRACTOR, ENGINEERING FIRM OR CITY RESPONSIBLE FOR THE CONSTRUCTION INSPECTION AND A REPRESENTATIVE FROM THE CITY STREET DEPARTMENT.



Women and Children's Tower

At Mercy Gilbert Medical Center



07/12/2018



EXHIBIT 5.10 RENDERED LANDSCAPE PLAN



① PRODUCT: ESCOFET UNIVERSE SYSTEM BENCH WITH BACK
MANUFACTURER: LANDSCAPE FORMS



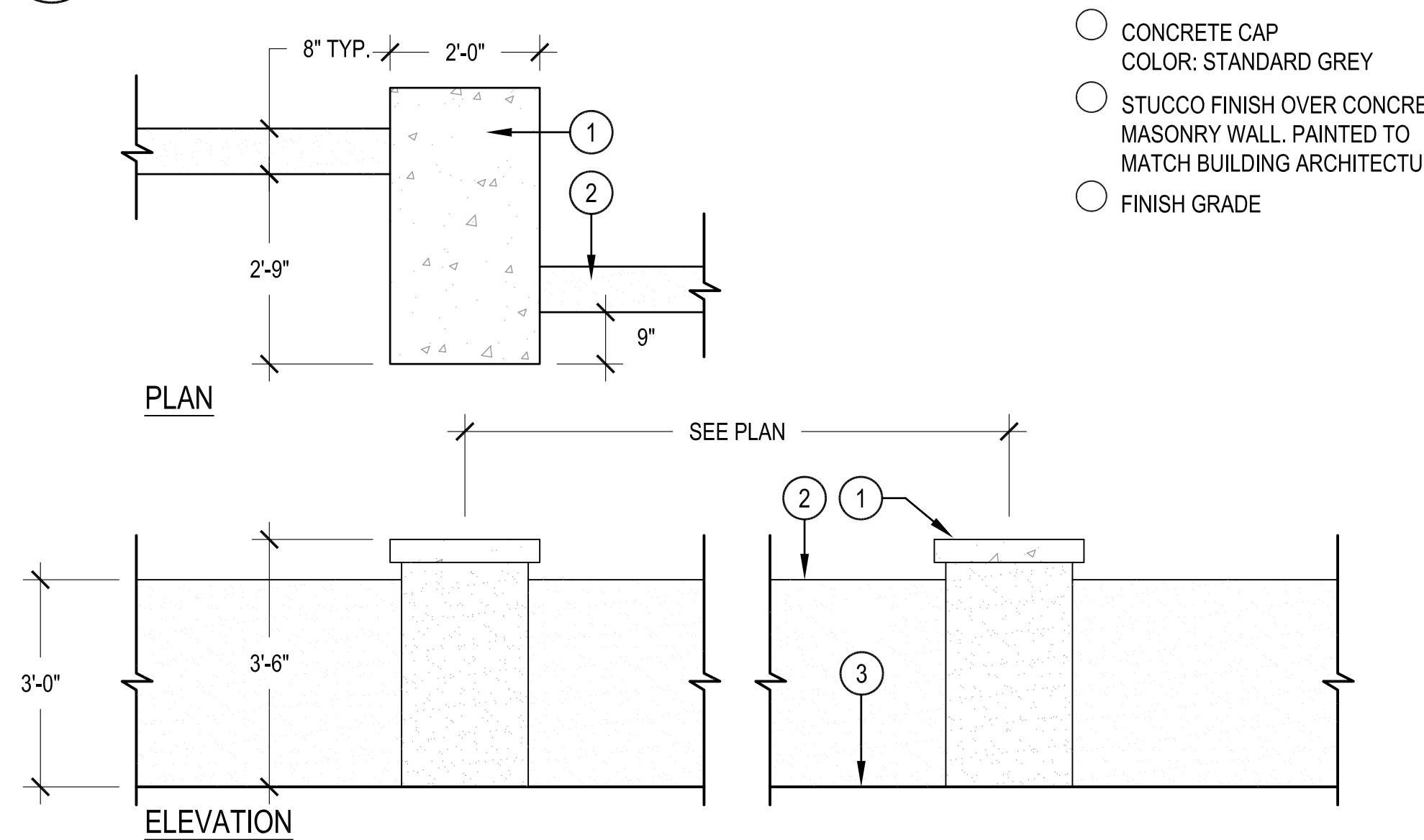
① PRODUCT: CONCRETE PLANTER
MANUFACTURER: KORNEGAY
MODEL: QUARTZ SERIES



① PRODUCT: CAPITOL BIKE RACK
MANUFACTURER: FORMS + SURFACES
MODEL: SKCAP

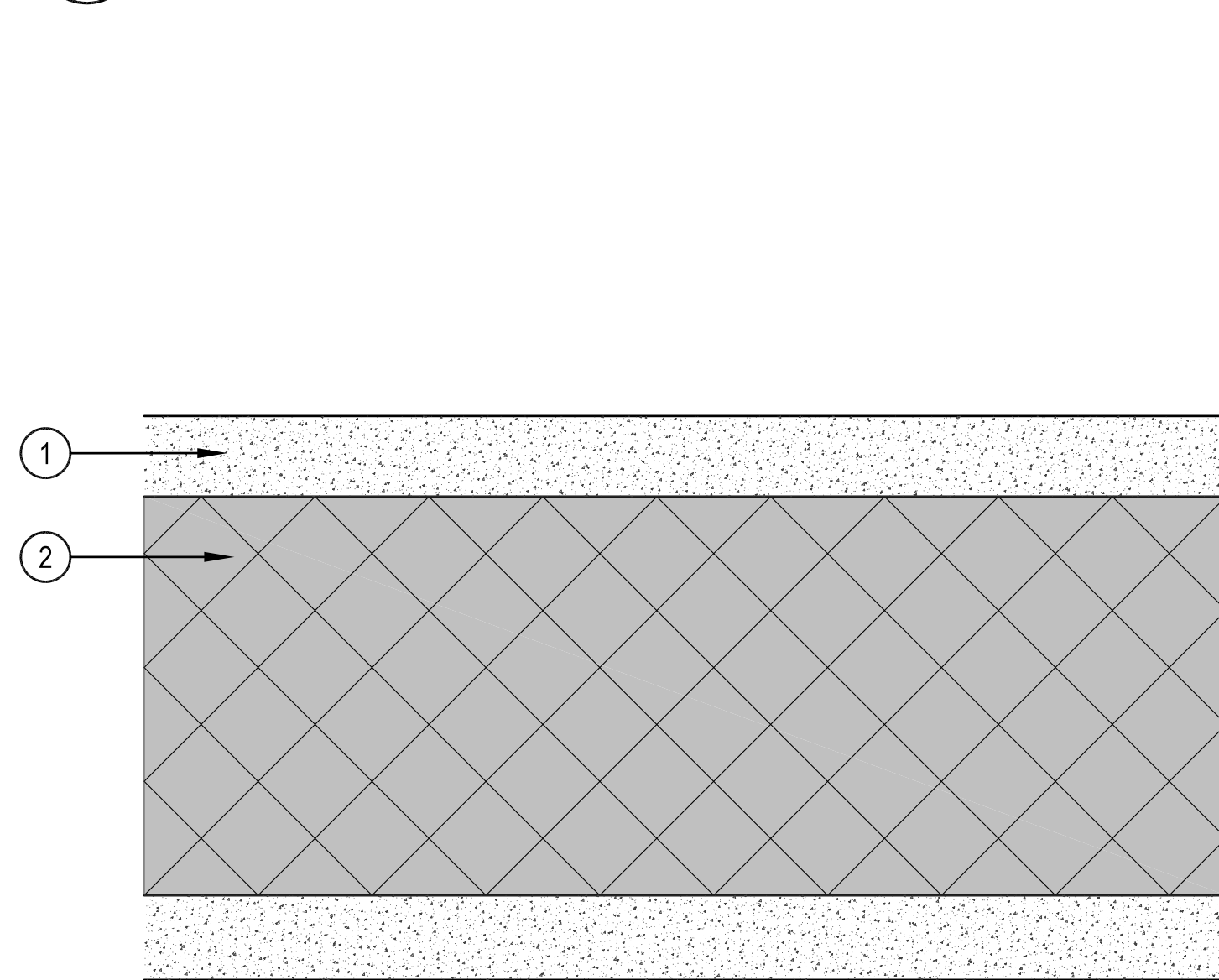
1 BENCH

N.T.S.



2 CONCRETE PLANTER

N.T.S.



3 BIKE RACK

N.T.S.

- ① 1'-0" WIDTH CONCRETE FLUSH CURB
COLOR: STANDARD GRAY
FINISH: LIGHT BROOM
- ② 12" X 12" MEGA PAVER BY ACKERSTONE
MICRO CHAMFER
TRAFFIC RATED
COLOR: PALOMINO DEL RIO

PAVER TYPE 1, COLOR 1- PEWTER DEL RIO



PAVER TYPE 1, COLOR 2 - PALOMINO DEL RIO



PAVER TYPE 1, COLOR 3 - CHARCOAL DEL RIO



PAVER TYPE 2- COOL WHITE

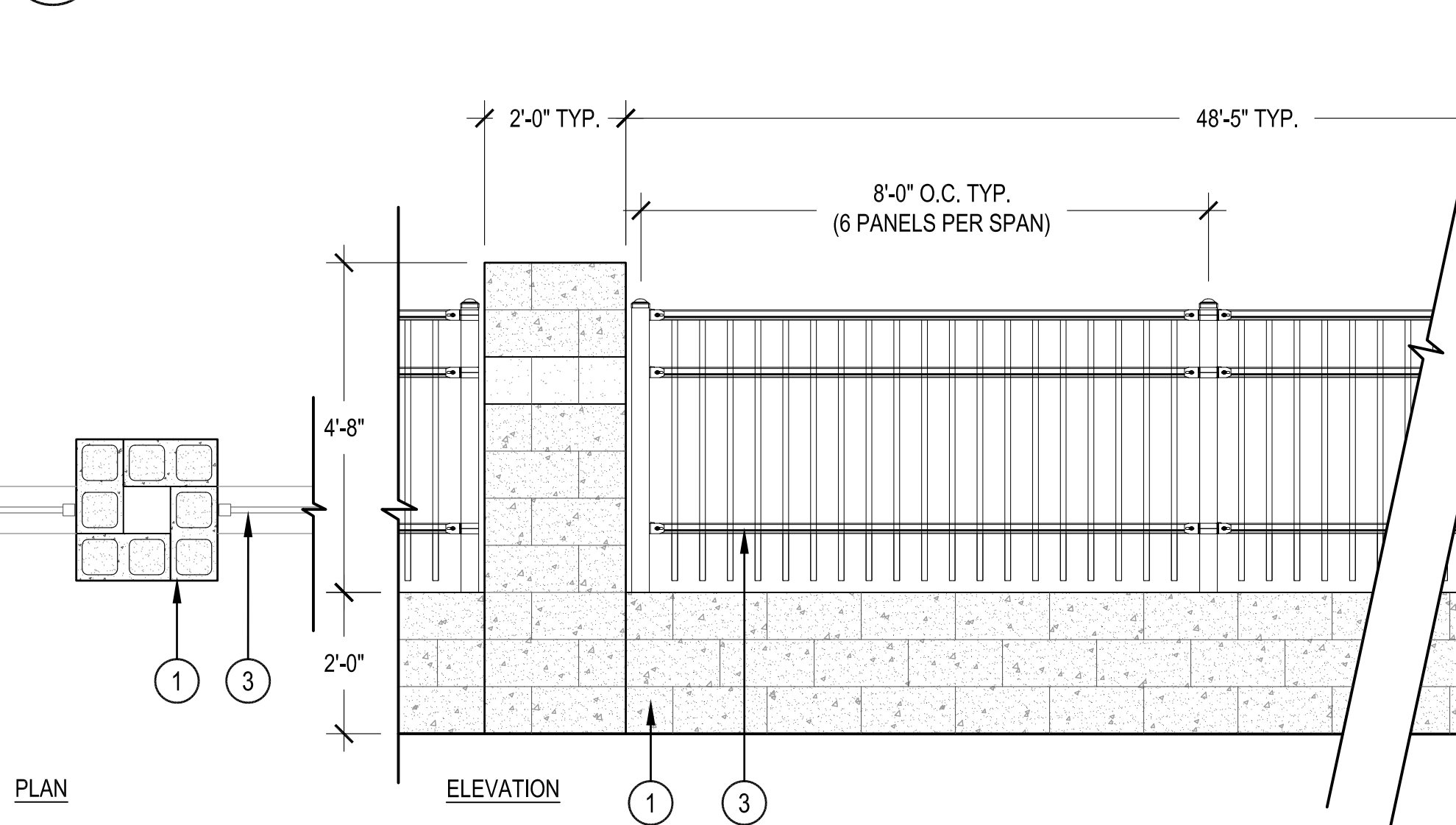


*PROPOSED COLOR NOT SHOWN

- ① TYPE: VEHICULAR PAVER
MANUFACTURER: ACKERSTONE
COLOR 1: PEWTER DEL RIO
PRODUCT: 12 X 12 MEGA PAVER, 10CM
COLOR 2: PALOMINO DEL RIO
PRODUCT: 4 X 12 MEGA PAVER, 10CM
COLOR 3: CHARCOAL DEL RIO
PRODUCT: 6 X 6 MEGA PAVER, 8CM
- ② TYPE: PEDESTRIAN PAVER
PRODUCT: 8 X 24 PAVER
MANUFACTURER: ARTISTIC PAVERS
COLOR: COOL WHITE
THICKNESS: 2 3/8"
PATTERN: RUNNING BOND
CHAMFER: MICRO CHAMFER
FINISH: POLISHED

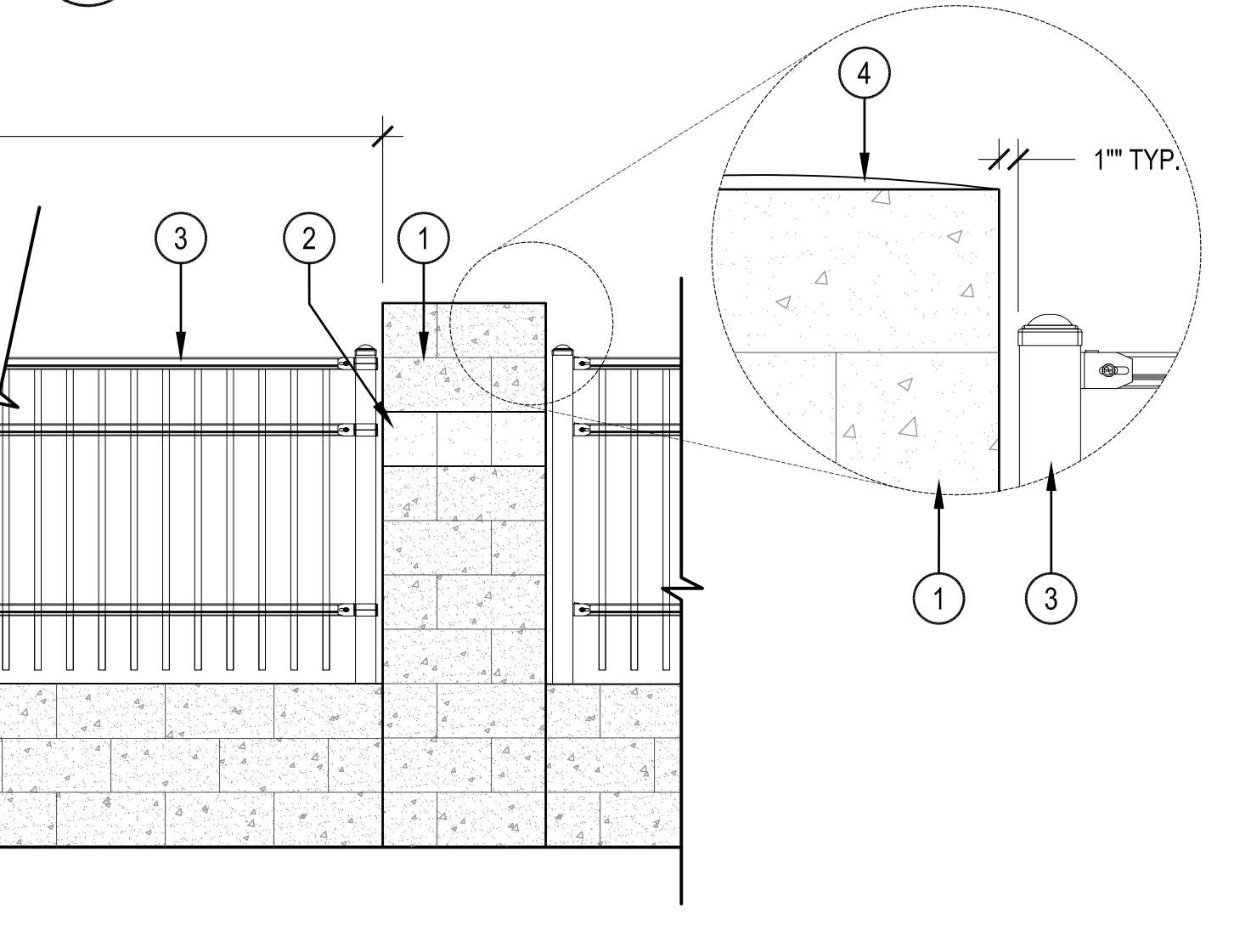
4 PARKING SCREEN WALL

SCALE: 1/2" = 1'-0"



5 DECORATIVE CROSSWALK

SCALE: 1/2" = 1'-0"



- ① SPLIT FACE INTEGRAL COLOR
CMU BLOCK
SOURCE: ECHELON MASONRY
COLOR: MODESTO
- ② CENTER SCORE SMOOTH FACE
CMU BLOCK
SOURCE: ECHELON MASONRY
COLOR: MODESTO
- ③ WALL MOUNTED ORNAMENTAL
STEEL FENCE
SOURCE: AMERISTAR
MODEL: MONTAGE II MAJESTIC
COLOR: BLACK
PANEL HEIGHT: 4'-0"
- ④ 1/2" MORTAR CROWN, TYP.

6 PAVER SELECTIONS

N.T.S.

7 PERIMETER SCREEN WALL

NTS

EXHIBIT 5.30 LANDSCAPE DETAILS



- ① PRODUCT: LED BOLLARD
MANUFACTURER: BEGA
MODEL: 99 570



- ① INTEGRATE WOODEN SEATING PAD ELEMENTS INTO MASONRY OR CONCRETE RAISED BED PLANTER WALLS. WOOD ADDS WARMTH AND TEXTURE
- ② WOOD WILL BE FSC OR SUSTAINABLE, NOT IPE OR RARE HARDWOOD.
- ③ ARM RESTS AND/ OR SEAT BACKS CAN BE INTEGRATED
- ④ IMAGES REPRESENT CHARACTER, MATERIAL, AND DESIGN APPROACH, NOT SPECIFIC PROJECT DETAILS



- ① PRODUCT: COLUMN TABLE
MANUFACTURER: FORMS AND SURFACES
SIZE: 42" DIAMETER, TABLE HEIGHT, BASE: 30"
- ② FREE STANDING, MOVABLE
- ③ FINISH: POWDERCOAT
COLOR: INK BLUE



1 BOLLARD

N.T.S.



- ① PRODUCT: CHASE PARK
MANUFACTURER: LANDSCAPE FORMS
SIZE: 24" DIAMETER, 39" HEIGHT, WEIGHT: 165 POUNDS
- ② TOP OPENING
- ③ FINISH: POWDERCOAT
COLOR: TITANIUM

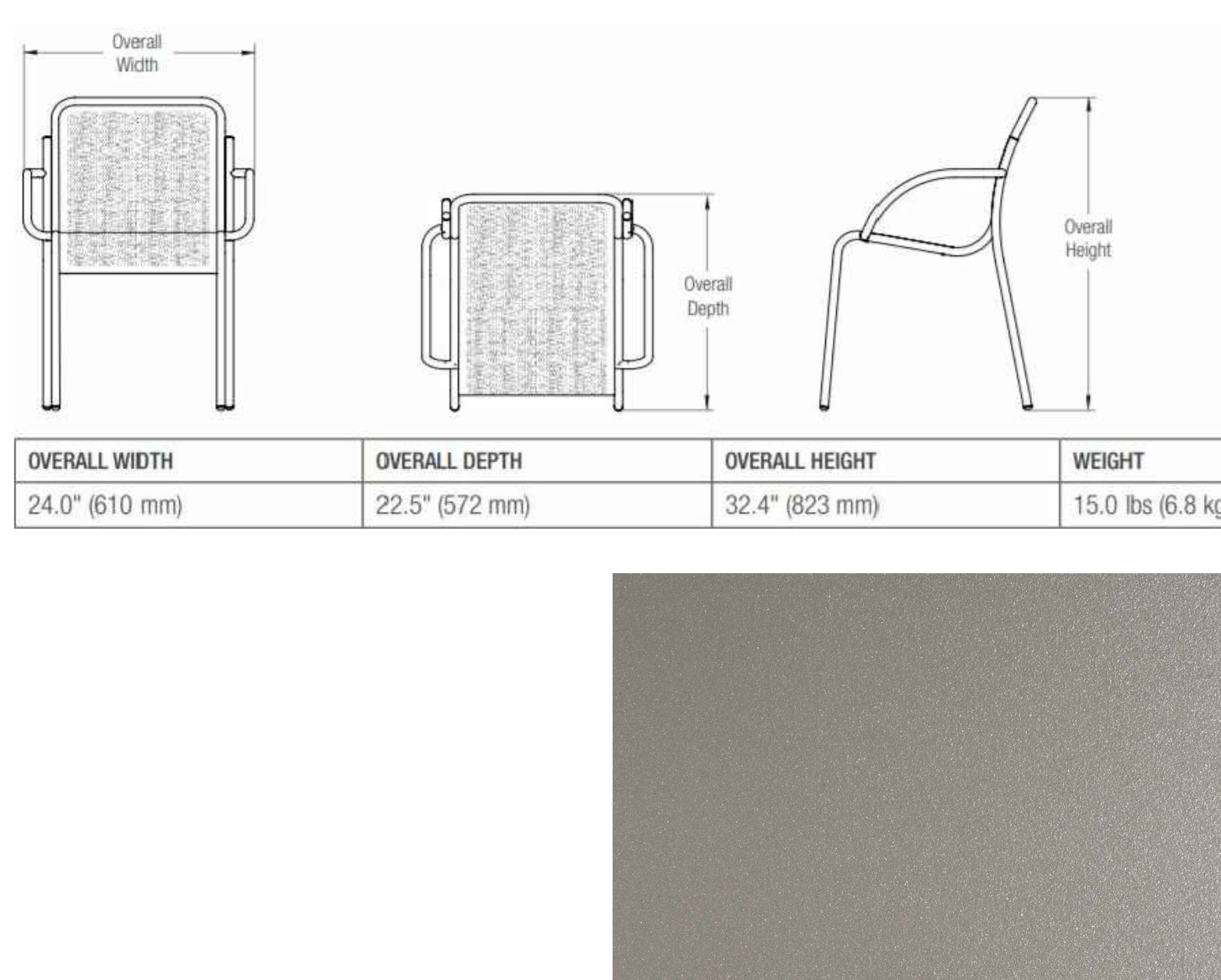


4 WASTE AND RECYCLING BIN

N.T.S.

2 SEATWALL SEAT MATERIAL CONCEPT

N.T.S.



- ① PRODUCT: VISTA CHAIR
MANUFACTURER: FORMS AND SURFACES
SIZE: 32.4" HEIGHT, 24" WIDE.
- ② FREE STANDING, MOVABLE
- ③ FINISH: POWDERCOAT
COLOR: ARGENTO

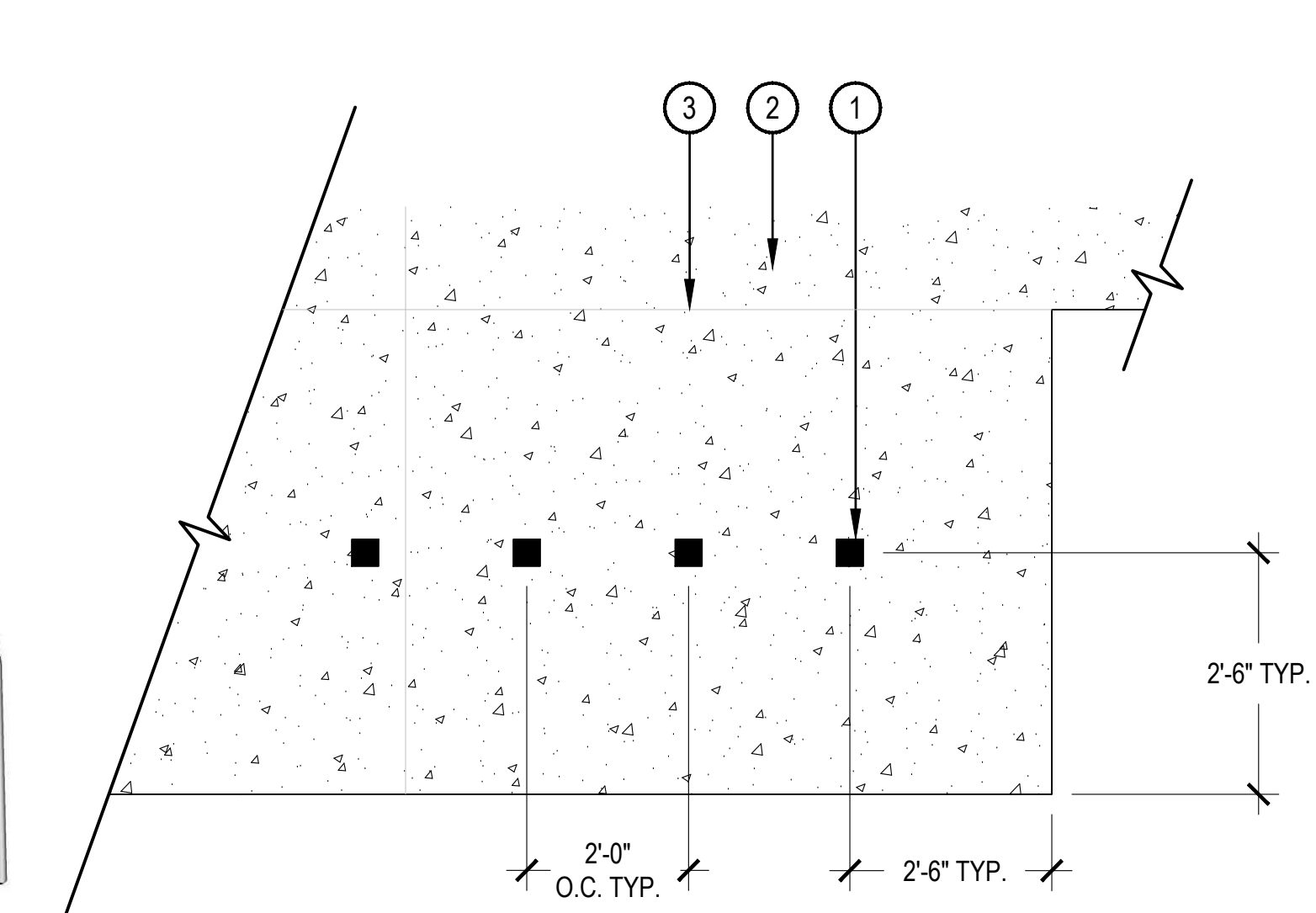


5 FREESTANDING CAFE CHAIR

N.T.S.

3 FREESTANDING FOUR TOP TABLE

N.T.S.



- ① CAPITOL BIKE RACK.
MANUFACTURED BY FORMS AND SURFACES. INSTALL PER MANUFACTURERS INSTRUCTIONS.
- ② CONCRETE SIDEWALK. SEE LANDSCAPE PLANS.
- ③ SCORE JOINTS. SEE LANDSCAPE PLANS

6 BIKE RACK LAYOUT PLAN

SCALE: 1/2" = 1'-0"



| PLANT SCHEDULE | | | | |
|----------------|---|-------------------|-------------------------------|------|
| SYMBOL | COMMON NAME BOTANICAL NAME | SIZE BRANCHING | CALIPER HT & W | QTY. |
| TREES | | | | |
| | Acacia aneura Mulga | 36" Box SINGLE | 2.5" CALIPER HT 6' X W 3' | 69 |
| | Chilopsis linearis 'Bubba' Desert Willow | 24" Box MULTI | 2" CALIPER HT 6' X W 3' | 39 |
| | Olneya tesota Ironwood | 36" Box SINGLE | 3" CALIPER HT 10' X W 6' | 14 |
| | Parkinsonia 'Hybrid' Hybrid Palo Verde | 36" Box MULTI | 2.5" CALIPER HT 10' X W 8' | 76 |
| | Phoenix Dactylifera Date Palm | | 20' TRUNK HEIGHT | 33 |
| | Pithecellobium flexicaule Texas Ebony | 24" Box SINGLE | 2" CALIPER HT 8' X W 6' | 29 |
| | Prosopis Rio Salado Rio Salado Mesquite | 24" Box MULTI | 2" CALIPER HT 8' X W 6' | 24 |
| | Prosopis glandulosa maverick Texas Honey Mesquite Thornless | 36" Box MULTI | 2.5" CALIPER HT 10' X W 8' | 6 |
| | Ulmus parviflora Evergreen Elm | 36" Box | 2.5" CALIPER HT 10' X W 8' | 20 |
| | | | | |
| SHRUBS | | | | |
| | Calliandra californica Baja Fairy Duster | 5 GALLON | | 162 |
| | Justicia spicigera Mexican Honeysuckle | 5 GALLON | | 7 |
| | Leucophyllum langmaniae Rio Bravo Sage | 5 GALLON | | 142 |
| | Nandina domestica Heavenly Bamboo | 5 GALLON | | 5 |
| | Ruellia peninsularis Desert Ruellia | 5 GALLON | | 185 |
| | Simmondsia chinensis Jojoba | 5 GALLON | | 24 |
| | Tecoma stans Arizona Yellow Bells | 5 GALLON | | 40 |
| | Tecoma x Sierra Apricot Sierra Apricot Esperanza | 5 GALLON | | 70 |
| | | | | |
| | | | | |
| ACCENTS | | | | |
| | Agave americana Century Plant | 10 GALLON | | 64 |
| | Asclepias subulata Desert Milkweed | 10 GALLON | | 92 |
| | Baileya multistata Desert Marigold | 1 GALLON | | 96 |
| | Dasylirion quadrangulatum Toothless Desert Spoon | 5 GALLON | | 62 |
| | Dasylirion wheeleri Desert Spoon | 5 GALLON | | 55 |
| | Euphorbia rigida Gopher Plant | 5 GALLON | | 68 |
| | Fouquieria splendens Ocotillo | 24" Box | | 3 |
| | Hesperaloe funifera Giant Aloe | 5 GALLON | | 193 |
| | Hesperaloe parviflora 'Brakelights' | 5 GALLON | | 715 |
| | Opuntia sp. Santa Rita Prickly Pear | 10 GALLON | | 37 |
| | Pachycereus marginatus Totem Pole Cactus | 10 GALLON | | 63 |
| | Pedilanthus bracteatus Tall Slipper Plant | 10 GALLON | | 26 |
| | Pedilanthus macrocarpus Slipper Plant | 10 GALLON | | 61 |
| | Sphaeralcea ambigua Desert Globemallow | 5 GALLON | | 64 |
| | Yucca pallida Pale Leaf Yucca | 5 GALLON | | 6 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| GROUNDCOVERS | | | | |
| | Acacia redolens Desert Carpet | 1 GALLON | | 16 |
| | Lantana montevidensis Trailing Lantana | 1 GALLON | | 106 |
| | Lantana x 'New Gold' New Gold Lantana | 1 GALLON | | 600 |
| | Rosmarinus officinalis 'Prostratus' Creeping Rosemary | 1 GALLON | | 406 |
| | | | | |
| GRASSES | | | | |
| | Muhlenbergia capillaris 'White Cloud' Muhly | 5 GALLON | | 21 |
| | Muhlenbergia rigens Deer Grass | 5 GALLON | | 545 |
| BOULDERS | | | | |
| | 24" Boulder | | | 0 |
| | 36" Boulder | | | 14 |
| | 44" Boulder | | | 2 |

| PAVING SCHEDULE | | | |
|-----------------|---|--|--|
| | PEDESTRIAN CONCRETE PER MAG 340 COLOR: STANDARD GREY FINISH: EXPOSED AGGREGATE | | |
| | VEHICULAR CONCRETE PER MAG 234 COLOR: STANDARD GREY FINISH: LIGHT BROOM | | |
| | WARNING PAVERS MANUFACTURED BY: PAVESTONE COLOR: TERRA COTTA SIZE: 4"X8"X6MM | | |
| | 12 X 12 PAVER: 10 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: PEWTER DEL RIO | | |
| | 4 X 12 PAVER: 10 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: CHARCOAL DEL RIO | | |
| | 6 X 6 PAVER: 8 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: CHARCOAL DEL RIO | | |
| | PEDESTRIAN CONCRETE PER MAG 340 COLOR: STANDARD GREY FINISH: EXPOSED AGGREGATE | | |

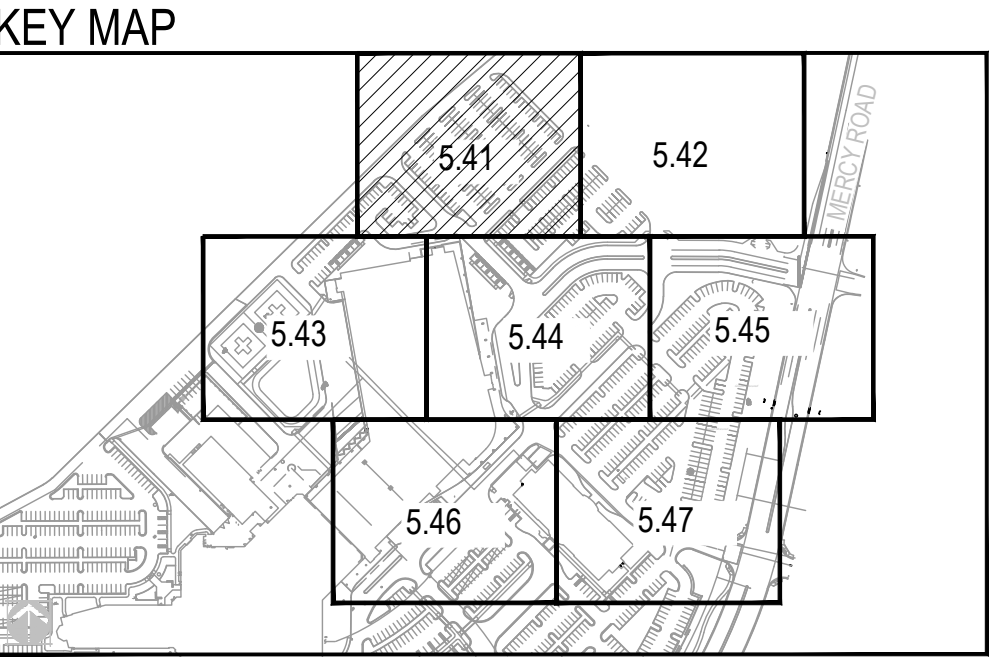
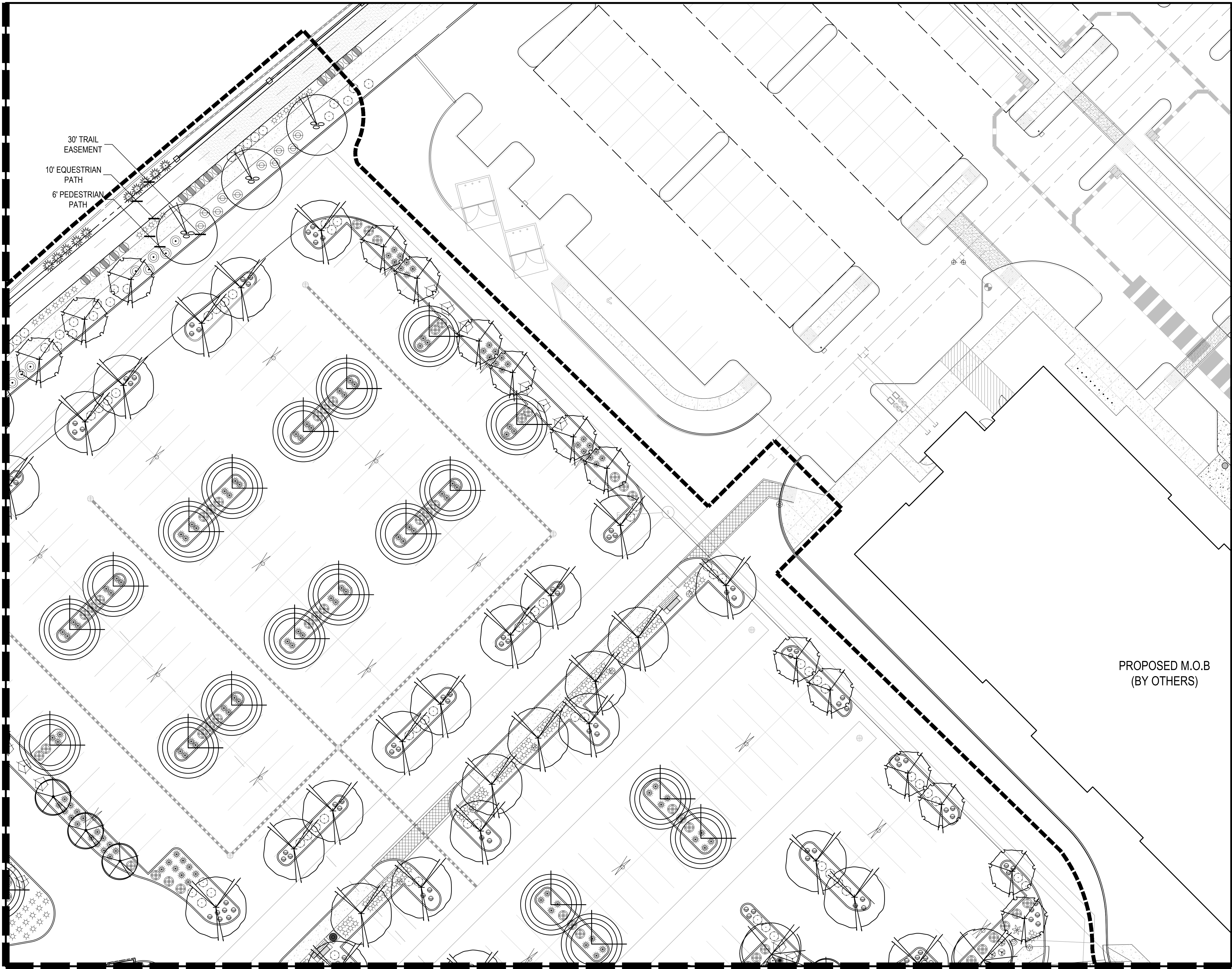


EXHIBIT 5.41 LANDSCAPE PLAN

MATCH LINE - SEE EXHIBIT 5.41



LANDSCAPE PLAN

| PLANT SCHEDULE | | | | |
|----------------|---|-------------------|-------------------------------|------|
| SYMBOL | COMMON NAME BOTANICAL NAME | SIZE BRANCHING | CALIPER HT & W | QTY. |
| TREES | | | | |
| | Acacia aneura Mulga | 36" Box SINGLE | 2.5" CALIPER HT 6' X W 3' | 69 |
| | Chilopsis linearis 'Bubba' Desert Willow | 24" Box MULTI | 2" CALIPER HT 6' X W 3' | 39 |
| | Olneya tesota Ironwood | 36" Box SINGLE | 3" CALIPER HT 10' X W 6' | 14 |
| | Parkinsonia 'Hybrid' Hybrid Palo Verde | 36" Box MULTI | 2.5" CALIPER HT 10' X W 8' | 76 |
| | Phoenix Dactylifera Date Palm | | 20' TRUNK HEIGHT | 33 |
| | Pithecellobium flexicaule Texas Ebony | 24" Box SINGLE | 2" CALIPER HT 8' X W 6' | 29 |
| | Prosopis Rio Salado Rio Salado Mesquite | 24" Box MULTI | 2" CALIPER HT 8' X W 6' | 24 |
| | Prosopis glandulosa maverick Texas Honey Mesquite 'Thornless' | 36" Box MULTI | 2.5" CALIPER HT 10' X W 8' | 6 |
| | Ulmus parviflora Evergreen Elm | 36" Box | 2.5" CALIPER HT 10' X W 8' | 20 |
| | | | | |
| SHRUBS | | | | |
| | Calliandra californica Baja Fairy Duster | 5 GALLON | | 162 |
| | Justicia spicigera Mexican Honeysuckle | 5 GALLON | | 7 |
| | Leucophyllum langmaniae Rio Bravo Sage | 5 GALLON | | 142 |
| | Nandina domestica Heavenly Bamboo | 5 GALLON | | 5 |
| | Ruellia peninsularis Desert Ruellia | 5 GALLON | | 185 |
| | Simmondsia chinensis Jojoba | 5 GALLON | | 24 |
| | Tecoma stans Arizona Yellow Bells | 5 GALLON | | 40 |
| | Tecoma x Sierra Apricot Sierra Apricot Esperanza | 5 GALLON | | 70 |
| | | | | |
| | | | | |
| ACCENTS | | | | |
| | Agave americana Century Plant | 10 GALLON | | 64 |
| | Asclepias subulata Desert Milkweed | 10 GALLON | | 92 |
| | Baileya multiridata Desert Marigold | 1 GALLON | | 96 |
| | Dasyliroton quadrangulum Toothless Desert Spoon | 5 GALLON | | 62 |
| | Dasyliroton wheeleri Desert Spoon | 5 GALLON | | 55 |
| | Euphorbia rigida Gopher Plant | 5 GALLON | | 68 |
| | Fouquieria splendens Ocotillo | 24" Box | | 3 |
| | Hesperaloe funifera Giant Aloe | 5 GALLON | | 193 |
| | Hesperaloe parviflora 'Brakeleights' Dwarf Crimson Red Yucca | 5 GALLON | | 715 |
| | Opuntia sp. Santa Rita Prickly Pear | 10 GALLON | | 37 |
| | Pachycereus marginatus Totem Pole Cactus | 10 GALLON | | 63 |
| | Pedilanthus bracteatus Tail Slipper Plant | 10 GALLON | | 26 |
| | Pedilanthus macrocarpus Slipper Plant | 10 GALLON | | 61 |
| | Sphaeralcea ambigua Desert Globemallow | 5 GALLON | | 64 |
| | Yucca pallida Pale Leaf Yucca | 5 GALLON | | 6 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| GROUNDCOVERS | | | | |
| | Acacia redolens Desert Carpet | 1 GALLON | | 16 |
| | Lantana montevidensis Trailing Lantana | 1 GALLON | | 106 |
| | Lantana x 'New Gold' New Gold Lantana | 1 GALLON | | 600 |
| | Rosmarinus officinalis 'Prostratus' Creeping Rosemary | 1 GALLON | | 406 |
| | | | | |
| GRASSES | | | | |
| | Muhlenbergia capillaris 'White Cloud' Muhly | 5 GALLON | | 21 |
| | Muhlenbergia rigens Deer Grass | 5 GALLON | | 545 |
| BOULDERS | | | | |
| | 24" Boulder | | | 0 |
| | 36" Boulder | | | 14 |
| | 44" Boulder | | | 2 |

| PAVING SCHEDULE | |
|-----------------|---|
| | PEDESTRIAN CONCRETE PER MAG 340 COLOR: STANDARD GREY FINISH: EXPOSED AGGREGATE |
| | VEHICULAR CONCRETE PER MAG 234 COLOR: STANDARD GREY FINISH: LIGHT BROOM |
| | WARNING PAVERS MANUFACTURED BY: PAVESTONE COLOR: TERRA COTTA SIZE: 4"X8"X6MM |
| | 12 X 12 PAVER: 10 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: PEWTER DEL RIO |
| | 4 X 12 PAVER: 10 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: PALOMINO DEL RIO |
| | 6 X 6 PAVER: 8 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: CHARCOAL DEL RIO |
| | PEDESTRIAN CONCRETE PER MAG 340 COLOR: STANDARD GREY FINISH: EXPOSED AGGREGATE |

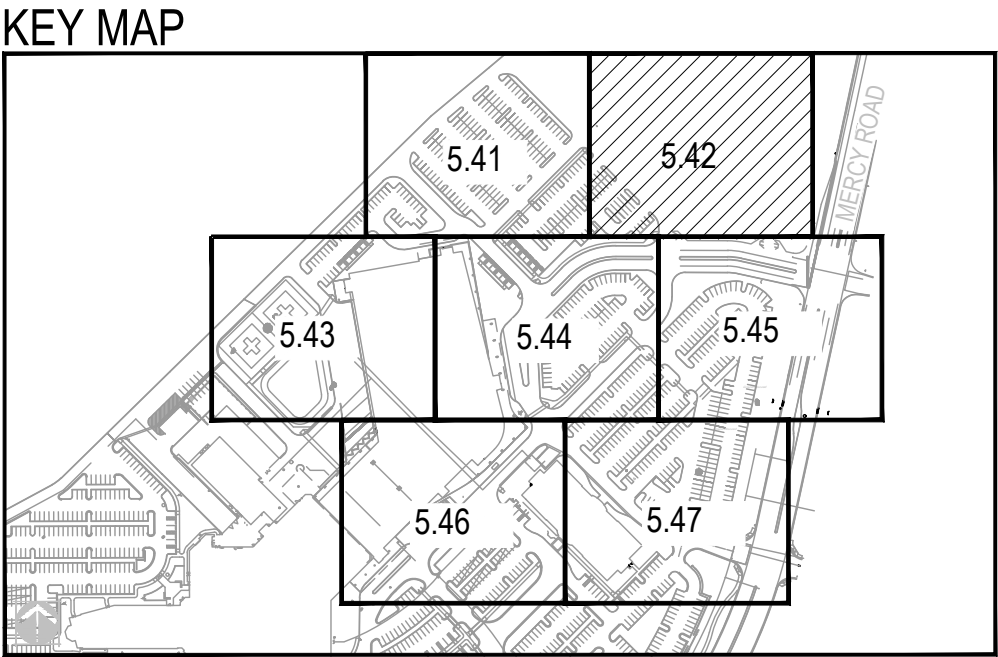
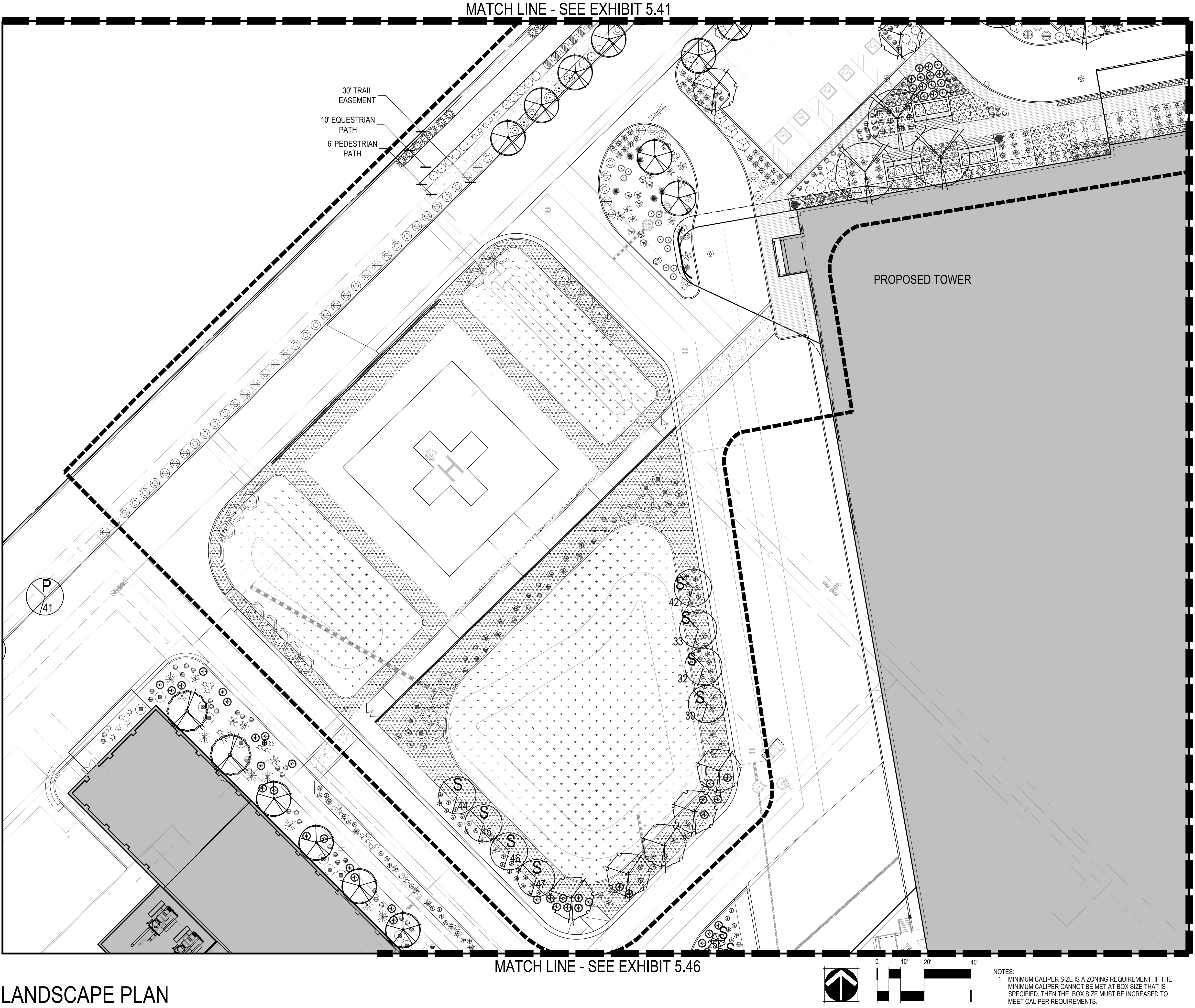


EXHIBIT 5.42 LANDSCAPE PLAN



| PLANT SCHEDULE | | | | |
|----------------|---|-------------------|-------------------------------|------|
| SYMBOL | COMMON NAME BOTANICAL NAME | SIZE BRANCHING | CALIPER HT & W | QTY. |
| TREES | | | | |
| | Acacia aneura Mulga | 36" Box SINGLE | 2.5" CALIPER HT 6' X W 3" | 69 |
| | Chilopsis linearis 'Bubba' Desert Willow | 24" Box MULTI | 2" CALIPER HT 6' X W 3" | 39 |
| | Olneya tesota Ironwood | 36" Box SINGLE | 3" CALIPER HT 10' X W 6" | 14 |
| | Parkinsonia 'Hybrid' Hybrid Palo Verde | 36" Box MULTI | 2.5" CALIPER HT 10' X W 8" | 76 |
| | Phoenix Dactylopera Date Palm | | 20" TRUNK HEIGHT | 33 |
| | Pithecellobium flexicaule Texas Ebony | 24" Box SINGLE | 2" CALIPER HT 8' X W 6" | 29 |
| | Prosopis Rio Salado Rio Salado Mesquite | 24" Box MULTI | 2" CALIPER HT 8' X W 6" | 24 |
| | Prosopis glandulosa maverick Texas Honey Mesquite 'Thornless' | 36" Box MULTI | 2.5" CALIPER HT 10' X W 8" | 6 |
| | Ulmus parviflora Evergreen Elm | 36" Box | 2.5" CALIPER HT 10' X W 8" | 20 |
| SHRUBS | | | | |
| | Calliandra californica Baja Fairy Duster | 5 GALLON | | 162 |
| | Justicia spicigera Mexican Honeysuckle | 5 GALLON | | 7 |
| | Leucophyllum langmaniae Rio Bravo Sage | 5 GALLON | | 142 |
| | Nandina domestica Heavenly Bamboo | 5 GALLON | | 5 |
| | Ruellia peninsularis Desert Ruellia | 5 GALLON | | 185 |
| | Simmondsia chinensis Jojoba | 5 GALLON | | 24 |
| | Tecoma stans Arizona Yellow Bells | 5 GALLON | | 40 |
| | Tecoma x Sierra Apricot Sierra Apricot Esperanza | 5 GALLON | | 70 |
| ACCENTS | | | | |
| | Agave americana Century Plant | 10 GALLON | | 64 |
| | Asclepias subulata Desert Milkweed | 10 GALLON | | 92 |
| | Baileya multiridata Desert Marigold | 1 GALLON | | 96 |
| | Dasylirotr quadrangulatum Toothless Desert Spoon | 5 GALLON | | 62 |
| | Dasylirotr wheeleri Desert Spoon | 5 GALLON | | 55 |
| | Euphorbia rigida Gopher Plant | 5 GALLON | | 68 |
| | Fouquieria splendens Ocotillo | 24" Box | | 3 |
| | Hesperaloe funifera Giant Aloe | 5 GALLON | | 193 |
| | Hesperaloe parviflora Brakeleaves Dwarf Crimson Red Yucca | 5 GALLON | | 715 |
| | Opuntia sp. Santa Rita Prickly Pear | 10 GALLON | | 37 |
| | Pachycereus marginatus Totem Pole Cactus | 10 GALLON | | 63 |
| | Pedilanthus bracteatus Tall Slipper Plant | 10 GALLON | | 26 |
| | Pedilanthus macrocarpus Slipper Plant | 10 GALLON | | 61 |
| | Sphaeralcea ambigua Desert Globemallow | 5 GALLON | | 64 |
| | Yucca pallida Pale Leaf Yucca | 5 GALLON | | 6 |
| GROUNDCOVERS | | | | |
| | Acacia redolens Desert Carpet | 1 GALLON | | 16 |
| | Lantana montevidensis Trailing Lantana | 1 GALLON | | 106 |
| | Lantana x 'New Gold' New Gold Lantana | 1 GALLON | | 600 |
| | Rosmarinus officinalis 'Prostratus' Creeping Rosemary | 1 GALLON | | 406 |
| GRASSES | | | | |
| | Muhlenbergia capillaris 'White Cloud' Muhly | 5 GALLON | | 21 |
| | Muhlenbergia rigens Deer Grass | 5 GALLON | | 545 |
| BOULDERS | | | | |
| | 24" Boulder | | | 0 |
| | 36" Boulder | | | 14 |
| | 44" Boulder | | | 2 |

MATCH LINE - SEE EXHIBIT 5.44

PAVING SCHEDULE

| | |
|--|---|
| | PEDESTRIAN CONCRETE PER MAG 340 COLOR: STANDARD GREY FINISH: EXPOSED AGGREGATE |
| | VEHICULAR CONCRETE PER MAG 234 COLOR: STANDARD GREY FINISH: LIGHT BROOM |
| | WARNING PAVERS MANUFACTURED BY: PAVESTONE COLOR: TERRA COTTA SIZE: 4'X8'X6MM |
| | 12 X 12 PAVER, 10 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: PEWTER DEL RIO |
| | 4 X 12 PAVER, 10 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: PALOMINO DEL RIO |
| | 6 X 6 PAVER, 8 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: CHARCOAL DEL RIO |
| | PEDESTRIAN CONCRETE PER MAG 340 COLOR: STANDARD GREY FINISH: EXPOSED AGGREGATE |

KEY MAP

LANDSCAPE PLAN

EXHIBIT 5.43 LANDSCAPE PLAN

MATCH LINE - SEE EXHIBIT 5.43



LANDSCAPE PLAN

| PLANT SCHEDULE | | | | |
|----------------|---|-------------------|-------------------------------|------|
| SYMBOL | COMMON NAME BOTANICAL NAME | SIZE BRANCHING | CALIPER HT & W | QTY. |
| TREES | | | | |
| | Acacia aneura Mulga | 36" Box SINGLE | 2.5" CALIPER HT 6' X W 3' | 69 |
| | Chilopsis linearis 'Bubba' Desert Willow | 24" Box MULTI | 2" CALIPER HT 6' X W 3' | 39 |
| | Olneya tesota Ironwood | 36" Box SINGLE | 3" CALIPER HT 10' X W 6' | 14 |
| | Parkinsonia 'Hybrid' Hybrid Palo Verde | 36" Box MULTI | 2.5" CALIPER HT 10' X W 8' | 76 |
| | Phoenix Dactylifera Date Palm | | 20" TRUNK HEIGHT | 33 |
| | Pithecellobium flexicaule Texas Ebony | 24" Box SINGLE | 2" CALIPER HT 8' X W 6' | 29 |
| | Prosopis Rio Salado Rio Salado Mesquite | 24" Box MULTI | 2" CALIPER HT 8' X W 6' | 24 |
| | Prosopis glandulosa maverick Texas Honey Mesquite 'Thornless' | 36" Box MULTI | 2.5" CALIPER HT 10' X W 8' | 6 |
| | Ulmus parviflora Evergreen Elm | 36" Box | 2.5" CALIPER HT 10' X W 8' | 20 |
| SHRUBS | | | | |
| | Calliandra californica Baja Fairy Duster | 5 GALLON | | 162 |
| | Justicia spicigera Mexican Honeysuckle | 5 GALLON | | 7 |
| | Leucophyllum langmaniae Rio Bravo Sage | 5 GALLON | | 142 |
| | Nandina domestica Heavenly Bamboo | 5 GALLON | | 5 |
| | Ruellia peninsularis Desert Ruellia | 5 GALLON | | 185 |
| | Simmondsia chinensis Jojoba | 5 GALLON | | 24 |
| | Tecoma stans Arizona Yellow Bells | 5 GALLON | | 40 |
| | Tecoma x Sierra Apricot Sierra Apricot Esperanza | 5 GALLON | | 70 |
| ACCENTS | | | | |
| | Agave americana Century Plant | 10 GALLON | | 64 |
| | Asclepias subulata Desert Milkweed | 10 GALLON | | 92 |
| | Baileya multiridata Desert Marigold | 1 GALLON | | 96 |
| | Dasylirotr quadrangulatum Toothless Desert Spoon | 5 GALLON | | 62 |
| | Dasylirotr wheeleri Desert Spoon | 5 GALLON | | 55 |
| | Euphorbia rigida Gopher Plant | 5 GALLON | | 68 |
| | Fouquieria splendens Ocotillo | 24" Box | | 3 |
| | Hesperaloe funifera Giant Aloe | 5 GALLON | | 193 |
| | Hesperaloe parviflora 'Brakeleights' Dwarf Crimson Red Yucca | 5 GALLON | | 715 |
| | Opuntia sp. Santa Rita Prickly Pear | 10 GALLON | | 37 |
| | Pachycereus marginatus Totem Pole Cactus | 10 GALLON | | 63 |
| | Pedilanthus bracteatus Tall Slipper Plant | 10 GALLON | | 26 |
| | Pedilanthus macrocarpus Slipper Plant | 10 GALLON | | 61 |
| | Sphaeralcea ambigua Desert Globemallow | 5 GALLON | | 64 |
| | Yucca pallida Pale Leaf Yucca | 5 GALLON | | 6 |
| GROUNDCOVERS | | | | |
| | Acacia redolens Desert Carpet | 1 GALLON | | 16 |
| | Lantana montevidensis Trailing Lantana | 1 GALLON | | 106 |
| | Lantana x 'New Gold' New Gold Lantana | 1 GALLON | | 600 |
| | Rosmarinus officinalis 'Prostratus' Creeping Rosemary | 1 GALLON | | 406 |
| GRASSES | | | | |
| | Muhlenbergia capillaris 'White Cloud' Muhly | 5 GALLON | | 21 |
| | Muhlenbergia rigens Deer Grass | 5 GALLON | | 545 |
| BOULDERS | | | | |
| | 24" Boulder | | | 0 |
| | 36" Boulder | | | 14 |
| | 44" Boulder | | | 2 |

MATCH LINE - SEE EXHIBIT 5.45

| PAVING SCHEDULE | |
|-----------------|---|
| | PEDESTRIAN CONCRETE PER MAG 340 COLOR: STANDARD GREY FINISH: EXPOSED AGGREGATE |
| | VEHICULAR CONCRETE PER MAG 234 COLOR: STANDARD GREY FINISH: LIGHT BROOM |
| | WARNING PAVERS MANUFACTURED BY: PAVESTONE COLOR: TERRA COTTA SIZE: 4'X8'X6MM |
| | 12 X 12 PAVES: 10 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: PEWTER DEL RIO |
| | 4 X 12 PAVES: 10 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: PALOMINO DEL RIO |
| | 6 X 6 PAVES: 8 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: CHARCOAL DEL RIO |
| | PEDESTRIAN CONCRETE PER MAG 340 COLOR: STANDARD GREY FINISH: EXPOSED AGGREGATE |

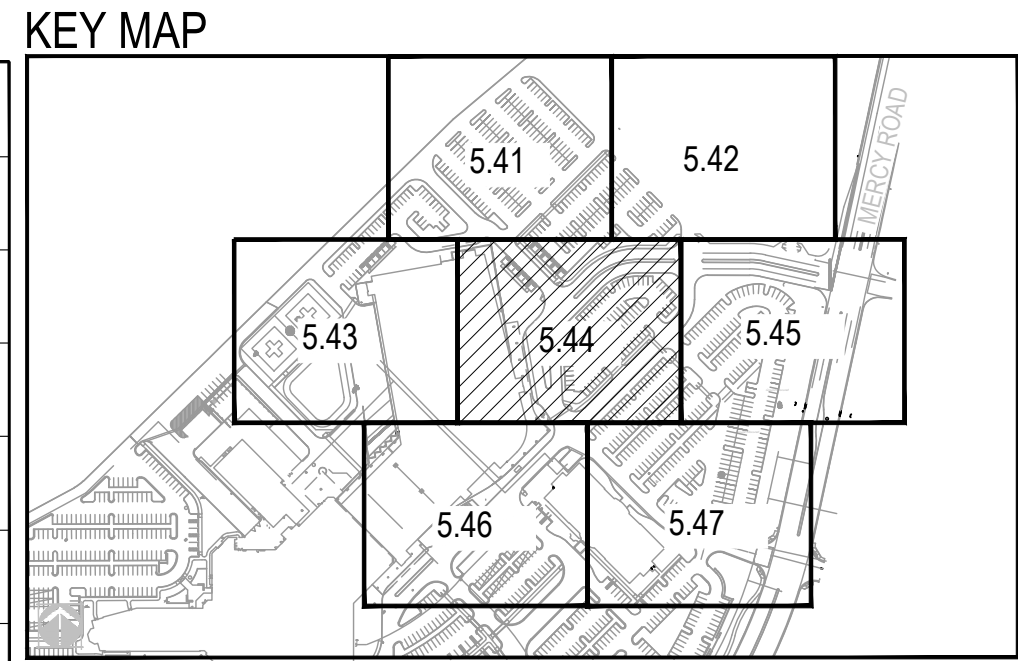


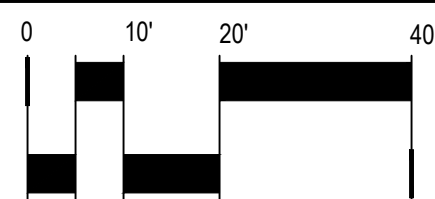
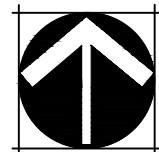
EXHIBIT 5.44 LANDSCAPE PLAN

MATCH LINE - SEE EXHIBIT 5.44



MATCH LINE - SEE EXHIBIT 5.47

LANDSCAPE PLAN



NOTES:
1. MINIMUM CALIPER SIZE IS A ZONING REQUIREMENT. IF THE MINIMUM CALIPER CANNOT BE MET AT BOX SIZE THAT IS SPECIFIED, THEN THE BOX SIZE MUST BE INCREASED TO MEET CALIPER REQUIREMENTS.

| PLANT SCHEDULE | | COMMON NAME | SIZE | CALIPER | QTY. |
|----------------|-------------------------------|----------------------------------|----------------|----------------------------|------|
| SYMBOL | BOTANICAL NAME | | BRANCHING | HT & W | |
| TREES | | | | | |
| | Acacia aneura | Mulga | 36" Box SINGLE | 2.5" CALIPER HT 6' X W 3' | 69 |
| | Chilopsis linearis 'Bubba' | Desert Willow | 24" Box MULTI | 2" CALIPER HT 6' X W 3' | 39 |
| | Olneya tesota | Ironwood | 36" Box SINGLE | 3" CALIPER HT 10' X W 6' | 14 |
| | Parkinsonia 'Hybrid' | Hybrid Palo Verde | 36" Box MULTI | 2.5" CALIPER HT 10' X W 8' | 76 |
| | Phoenix Dactylifera | Date Palm | | 20' TRUNK HEIGHT | 33 |
| | Pithecellobium flexicaule | Texas Ebony | 24" Box SINGLE | 2" CALIPER HT 8' X W 6' | 29 |
| | Prosopis Rio Salado | Rio Salado Mesquite | 24" Box MULTI | 2" CALIPER HT 8' X W 6' | 24 |
| | Prosopis glandulosa mavericki | Texas Honey Mesquite 'Thornless' | 36" Box MULTI | 2.5" CALIPER HT 10' X W 8' | 6 |
| | Ulmus parviflora | Evergreen Elm | 36" Box | 2.5" CALIPER HT 10' X W 8' | 20 |
| | | | | | |
| SHRUBS | | | | | |
| | Calliandra californica | Baja Fairy Duster | 5 GALLON | | 162 |
| | Justicia spicigera | Mexican Honeysuckle | 5 GALLON | | 7 |
| | Leucophyllum langmaniae | Rio Bravo Sage | 5 GALLON | | 142 |
| | Nandina domestica | Heavenly Bamboo | 5 GALLON | | 5 |
| | Ruellia peninsularis | Desert Ruellia | 5 GALLON | | 185 |
| | Simmondsia chinensis | Jojoba | 5 GALLON | | 24 |
| | Tecoma stans | Arizona Yellow Bells | 5 GALLON | | 40 |
| | Tecoma x Sierra Apricot | Sierra Apricot Esperanza | 5 GALLON | | 70 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| ACCENTS | | | | | |
| | Agave americana | Century Plant | 10 GALLON | | 64 |
| | Asclepias subulata | Desert Milkweed | 10 GALLON | | 92 |
| | Baileya multiridata | Desert Marigold | 1 GALLON | | 96 |
| | Dasyliroton quadrangulatum | Toothless Desert Spoon | 5 GALLON | | 62 |
| | Dasyliroton wheeleri | Desert Spoon | 5 GALLON | | 55 |
| | Euphorbia rigida | Gopher Plant | 5 GALLON | | 68 |
| | Fouquieria splendens | Ocotillo | 24" Box | | 3 |
| | Hesperaloe funifera | Giant Aloe | 5 GALLON | | 193 |
| | Hesperaloe parviflora | 'Brake Lights' | 5 GALLON | | 715 |
| | Dwarf Crimson Red Yucca | | | | |
| | Opuntia sp. | Santa Rita Prickly Pear | 10 GALLON | | 37 |
| | Pachycereus marginatus | Totem Pole Cactus | 10 GALLON | | 63 |
| | Pedilanthus bracteatus | Tall Slipper Plant | 10 GALLON | | 26 |
| | Pedilanthus macrocarpus | Slipper Plant | 10 GALLON | | 61 |
| | Sphaeralcea ambigua | Desert Globemallow | 5 GALLON | | 64 |
| | Yucca pallida | Pale Leaf Yucca | 5 GALLON | | 6 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| GROUNDCOVERS | | | | | |
| | Acacia redolens | Desert Carpet | 1 GALLON | | 16 |
| | Lantana montevidensis | Trailing Lantana | 1 GALLON | | 106 |
| | Lantana x 'New Gold' | New Gold Lantana | 1 GALLON | | 600 |
| | Rosmarinus officinalis | 'Prostratus' Creeping Rosemary | 1 GALLON | | 406 |
| | | | | | |
| GRASSES | | | | | |
| | Muhlenbergia capillaris | 'White Cloud' Muhly | 5 GALLON | | 21 |
| | Muhlenbergia rigens | Deer Grass | 5 GALLON | | 545 |
| BOULDERS | | | | | |
| | 24" Boulder | | | | 0 |
| | 36" Boulder | | | | 14 |
| | 44" Boulder | | | | 2 |

PAVING SCHEDULE

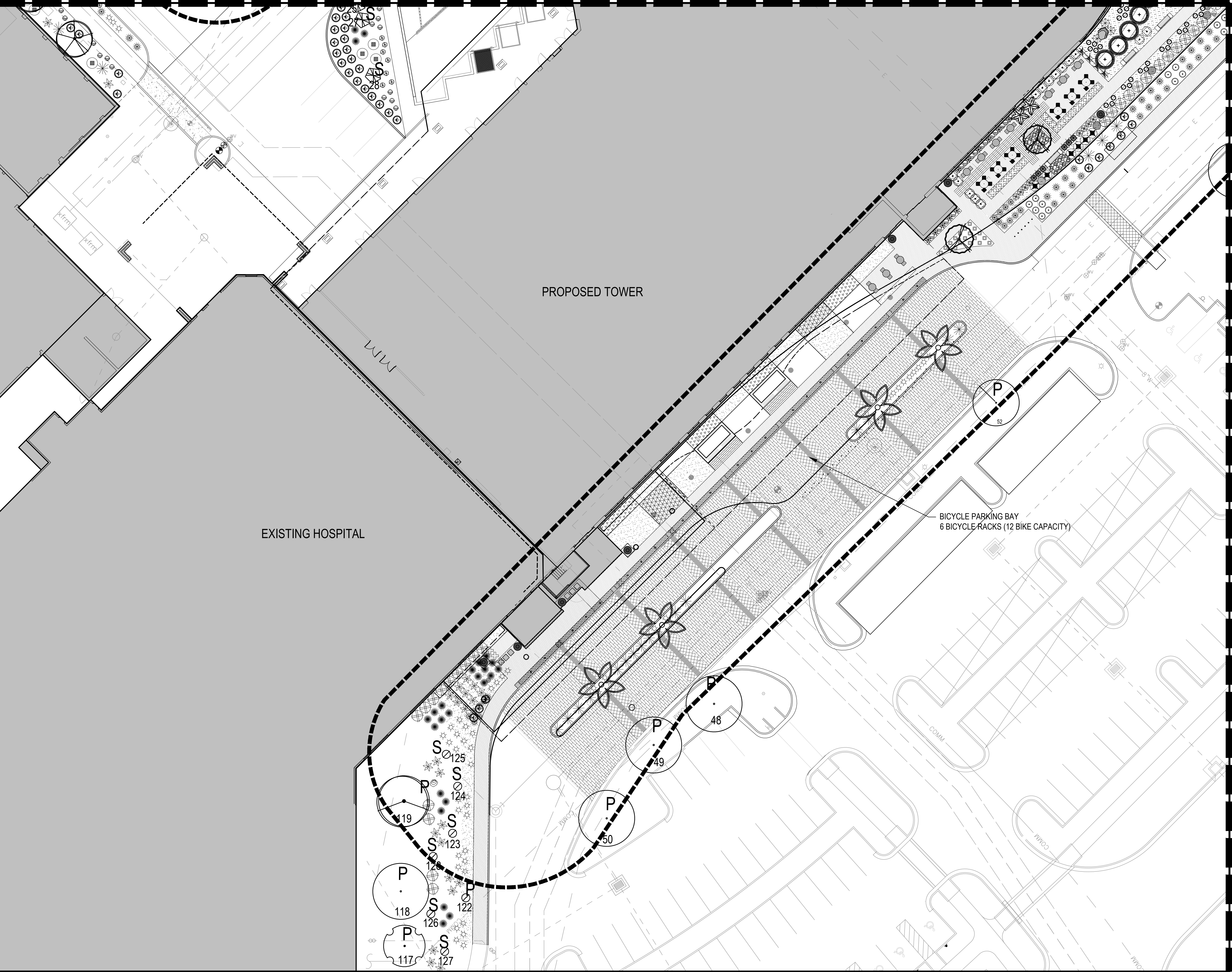
| | |
|--|---|
| | PEDESTRIAN CONCRETE PER MAG 340 COLOR: STANDARD GREY FINISH: EXPOSED AGGREGATE |
| | VEHICULAR CONCRETE PER MAG 234 COLOR: STANDARD GREY FINISH: LIGHT BROOM |
| | WARNING PAVERS MANUFACTURED BY: PAVESTONE COLOR: TERRA COTTA SIZE: 4'X8'X6MM |
| | 12 X 12 PAVER, 10 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: PEWTER DEL RIO |
| | 4 X 12 PAVER, 10 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: PALOMINO DEL RIO |
| | 6 X 6 PAVER, 8 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: CHARCOAL DEL RIO |
| | PEDESTRIAN CONCRETE PER MAG 340 COLOR: STANDARD GREY FINISH: EXPOSED AGGREGATE |

KEY MAP

EXHIBIT 5.45 LANDSCAPE PLAN

MATCH LINE - SEE EXHIBIT 5.43

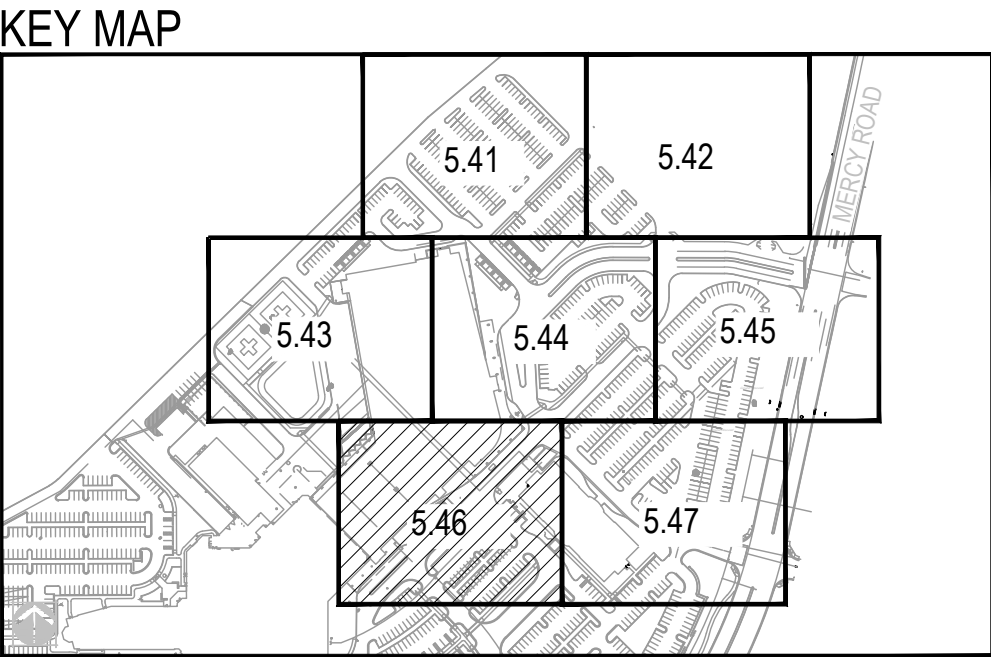
MATCH LINE - SEE EXHIBIT 5.44



| PLANT SCHEDULE | | | | |
|----------------|-------------------------------|-------------------|----------------------------|------|
| SYMBOL | COMMON NAME BOTANICAL NAME | SIZE BRANCHING | CALIPER HT & W | QTY. |
| TREES | | | | |
| | Acacia aneura | 36" Box SINGLE | 2.5" CALIPER HT 6' X W 3' | 69 |
| | Chilopsis linearis 'Bubba' | 24" Box MULTI | 2" CALIPER HT 6' X W 3' | 39 |
| | Olneya tesota | 36" Box SINGLE | 3" CALIPER HT 10' X W 6' | 14 |
| | Parkinsonia 'Hybrid' | 36" Box MULTI | 2.5" CALIPER HT 10' X W 8' | 76 |
| | Phoenix Dactylifera | | 20' TRUNK HEIGHT | 33 |
| | Pithecellobium flexicaule | 24" Box SINGLE | 2" CALIPER HT 8' X W 6' | 29 |
| | Prosopis Rio Salado | 24" Box MULTI | 2" CALIPER HT 8' X W 6' | 24 |
| | Prosopis glandulosa mavericki | 36" Box MULTI | 2.5" CALIPER HT 10' X W 8' | 6 |
| | Ulmus parviflora | 36" Box | 2.5" CALIPER HT 10' X W 8' | 20 |
| SHRUBS | | | | |
| | Calliandra californica | 5 GALLON | | 162 |
| | Justicia spicigera | 5 GALLON | | 7 |
| | Leucophyllum langmaniae | 5 GALLON | | 142 |
| | Nandina domestica | 5 GALLON | | 5 |
| | Ruellia peninsularis | 5 GALLON | | 185 |
| | Simmondsia chinensis | 5 GALLON | | 24 |
| | Tecoma stans | 5 GALLON | | 40 |
| | Tecoma x Sierra Apricot | 5 GALLON | | 70 |
| ACCENTS | | | | |
| | Agave americana | 10 GALLON | | 64 |
| | Asclepias subulata | 10 GALLON | | 92 |
| | Balaia multistata | 1 GALLON | | 96 |
| | Dasylium quadrangulatum | 5 GALLON | | 62 |
| | Dasylium wheeleri | 5 GALLON | | 55 |
| | Euphorbia rigida | 5 GALLON | | 68 |
| | Fouquieria splendens | 24" Box | | 3 |
| | Hesperaloe funifera | 5 GALLON | | 193 |
| | Hesperaloe parviflora | 5 GALLON | | 715 |
| | Opuntia sp. | 10 GALLON | | 37 |
| | Pachypodium marginatus | 10 GALLON | | 63 |
| | Pedilanthus bracteatus | 10 GALLON | | 26 |
| | Pedilanthus macrocarpus | 10 GALLON | | 61 |
| | Sphaeralcea ambigua | 5 GALLON | | 64 |
| | Yucca pallida | 5 GALLON | | 6 |
| GROUNDCOVERS | | | | |
| | Acacia redolens | 1 GALLON | | 16 |
| | Lantana montevidensis | 1 GALLON | | 106 |
| | Lantana x 'New Gold' | 1 GALLON | | 600 |
| | Rosmarinus officinalis | 1 GALLON | | 406 |
| GRASSES | | | | |
| | Muhlenbergia capillaris | 5 GALLON | | 21 |
| | Muhlenbergia rigens | 5 GALLON | | 545 |
| BOULDERS | | | | |
| | 24" Boulder | | | 0 |
| | 36" Boulder | | | 14 |
| | 44" Boulder | | | 2 |

MATCH LINE - SEE EXHIBIT 5.47

| PAVING SCHEDULE | |
|-----------------|---|
| | PEDESTRIAN CONCRETE PER MAG 340 COLOR: STANDARD GREY FINISH: EXPOSED AGGREGATE |
| | VEHICULAR CONCRETE PER MAG 234 COLOR: STANDARD GREY FINISH: LIGHT BROOM |
| | WARNING PAVERS MANUFACTURED BY: PAVESTONE COLOR: TERRA COTTA SIZE: 4'X8'X6MM |
| | 12 X 12 PAVER, 10 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: PEWTER DEL RIO |
| | 4 X 12 PAVER, 10 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: PALOMINO DEL RIO |
| | 6 X 6 PAVER, 8 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: CHARCOAL DEL RIO |
| | PEDESTRIAN CONCRETE PER MAG 340 COLOR: STANDARD GREY FINISH: EXPOSED AGGREGATE |

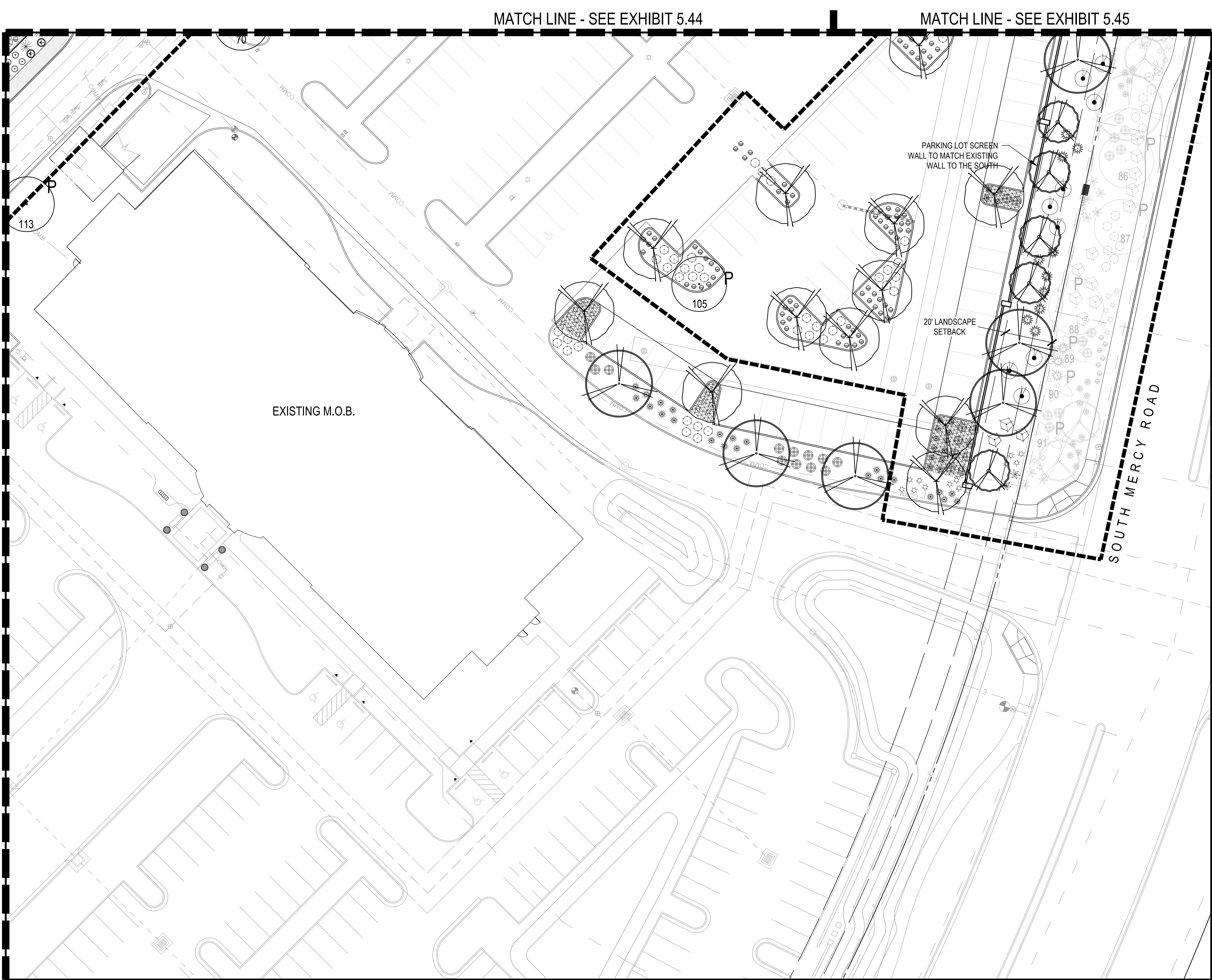


LANDSCAPE PLAN

NOTES:
1. MINIMUM CALIPER SIZE IS A ZONING REQUIREMENT. IF THE MINIMUM CALIPER CANNOT BE MET AT BOX SIZE THAT IS SPECIFIED, THEN THE BOX SIZE MUST BE INCREASED TO MEET CALIPER REQUIREMENTS.

EXHIBIT 5.46 LANDSCAPE PLAN

MATCH LINE - SEE EXHIBIT 5.46



LANDSCAPE PLAN

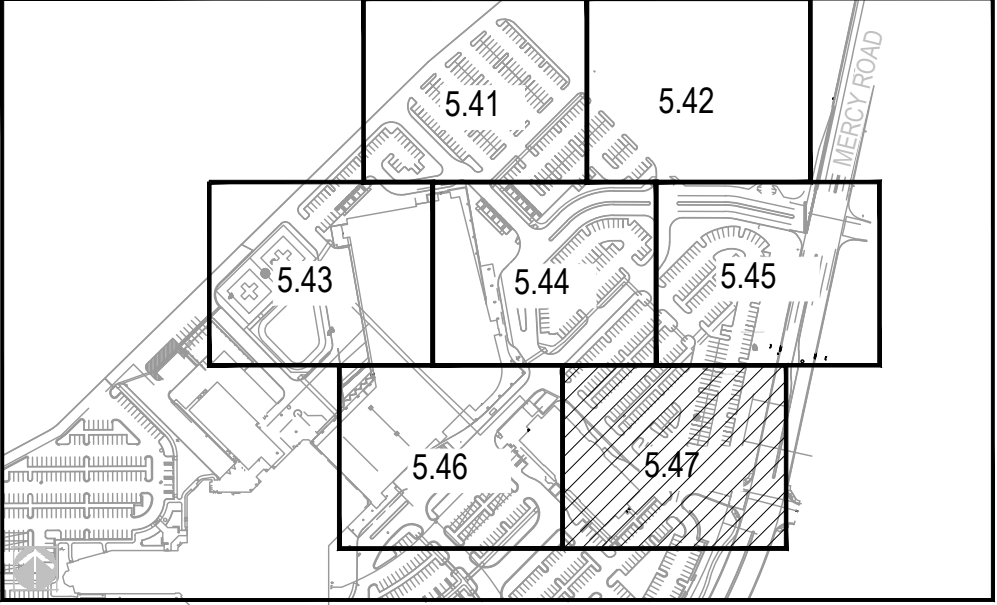
PLANT SCHEDULE

| SYMBOL | COMMON NAME BOTANICAL NAME | SIZE BRANCHING | CALIPER HT & W | QTY. |
|--------------|---|-------------------|-------------------------------|------|
| TREES | | | | |
| | Acacia aneura Mulga | 36" Box SINGLE | 2.5" CALIPER HT 6' X W 3' | 69 |
| | Chilopsis linearis 'Bubba' Desert Willow | 24" Box MULTI | 2" CALIPER HT 6' X W 3' | 39 |
| | Olneya tesota Ironwood | 36" Box SINGLE | 3" CALIPER HT 10' X W 6' | 14 |
| | Parkinsonia 'Hybrid' Hybrid Palo Verde | 36" Box MULTI | 2.5" CALIPER HT 10' X W 8' | 76 |
| | Phoenix dactylifera Date Palm | | 20' TRUNK HEIGHT | 33 |
| | Pithecellobium flexicaule Texas Ebony | 24" Box SINGLE | 2" CALIPER HT 8' X W 6' | 29 |
| | Prosopis rio salado Rio Salado Mesquite | 24" Box MULTI | 2" CALIPER HT 8' X W 6' | 24 |
| | Prosopis glandulosa maverick Texas Honey Mesquite 'Thornless' | 36" Box MULTI | 2.5" CALIPER HT 10' X W 8' | 6 |
| | Ulmus parviflora Evergreen Elm | 36" Box | 2.5" CALIPER HT 10' X W 8' | 20 |
| SHRUBS | | | | |
| | Calliandra californica Baja Fairy Duster | 5 GALLON | | 162 |
| | Justicia spicigera Mexican Honeysuckle | 5 GALLON | | 7 |
| | Leucophyllum langmaniae Rio Bravo Sage | 5 GALLON | | 142 |
| | Nandina domestica Heavenly Bamboo | 5 GALLON | | 5 |
| | Ruella peninsularis Desert Ruella | 5 GALLON | | 185 |
| | Simmondsia chinensis Jojoba | 5 GALLON | | 24 |
| | Tecoma stans Arizona Yellow Bells | 5 GALLON | | 40 |
| | Tecoma x sierra apricot Sierra Apricot Esperanza | 5 GALLON | | 70 |
| ACCENTS | | | | |
| | Agave americana Century Plant | 10 GALLON | | 64 |
| | Asclepias subulata Desert Milkweed | 10 GALLON | | 92 |
| | Baileya multiridata Desert Marigold | 1 GALLON | | 96 |
| | Dasylirion quadrangulatum Toothless Desert Spoon | 5 GALLON | | 62 |
| | Dasylirion wheeleri Desert Spoon | 5 GALLON | | 55 |
| | Euphorbia rigida Copher Plant | 5 GALLON | | 68 |
| | Fouquieria splendens Ocotillo | 24" Box | | 3 |
| | Hesperaloe funifera Giant Aloe | 5 GALLON | | 193 |
| | Hesperaloe parviflora 'Brakelights' | 5 GALLON | | 715 |
| | Dwarf crimson red yucca | | | |
| | Opuntia sp. Santa Rita Prickly Pear | 10 GALLON | | 37 |
| | Pachycereus marginatus Totem Pole Cactus | 10 GALLON | | 63 |
| | Pedilanthus bracteatus Tall Slipper Plant | 10 GALLON | | 26 |
| | Pedilanthus macrocarpus Slipper Plant | 10 GALLON | | 61 |
| | Sphaeralcea ambigua Desert Globemallow | 5 GALLON | | 64 |
| | Yucca pallida Pale Leaf Yucca | 5 GALLON | | 6 |
| GROUNDCOVERS | | | | |
| | Acacia redolens Desert Carpet | 1 GALLON | | 16 |
| | Lantana montevidensis Trailing Lantana | 1 GALLON | | 106 |
| | Lantana x 'new gold' New Gold Lantana | 1 GALLON | | 600 |
| | Rosmarinus officialis Prostratus Creeping Rosemary | 1 GALLON | | 406 |
| GRASSES | | | | |
| | Muhlenbergia capillaris 'White Cloud' Muhly | 5 GALLON | | 21 |
| | Muhlenbergia rigens Deer Grass | 5 GALLON | | 545 |
| BOULDERS | | | | |
| | 24" Boulder | | | 0 |
| | 36" Boulder | | | 14 |
| | 44" Boulder | | | 2 |

PAVING SCHEDULE

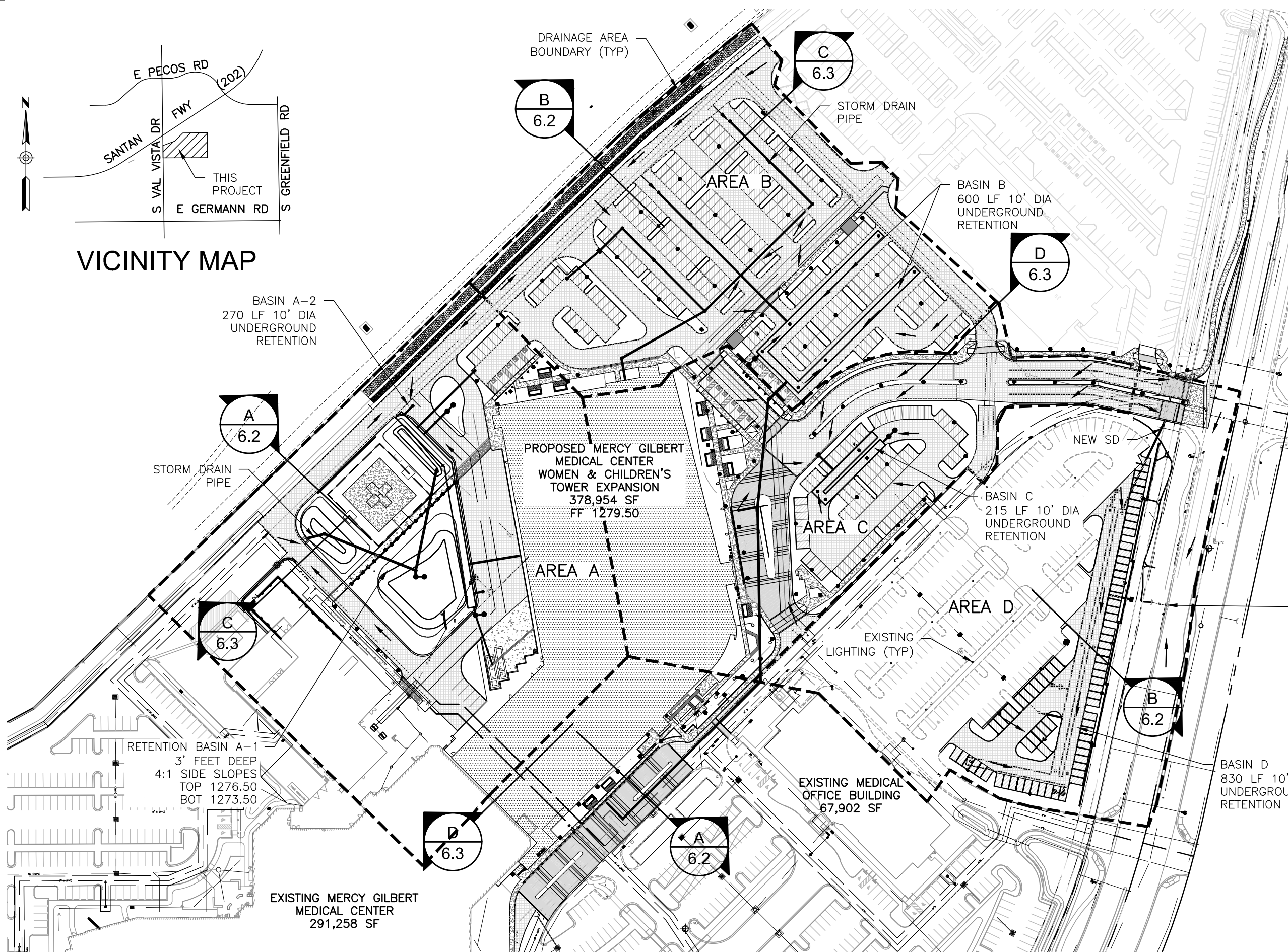
| | |
|--|---|
| | PEDESTRIAN CONCRETE PER MAG 340 COLOR: STANDARD GREY FINISH: EXPOSED AGGREGATE |
| | VEHICULAR CONCRETE PER MAG 234 COLOR: STANDARD GREY FINISH: LIGHT BROOM |
| | WARNING PAVERS MANUFACTURED BY: PAVESTONE COLOR: TERRA COTTA SIZE: 4'X2'X8MM |
| | TEX 12 PAVES, 10 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: PEWTER DEL RIO |
| | 4 X 12 PAVES, 10 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: PALOMINO DEL RIO |
| | 6 X 6 PAVES, 8 CM VEHICULAR RATED MANUFACTURED BY: ACKERSTONE COLOR: CHARCOAL DEL RIO |
| | PEDESTRIAN CONCRETE PER MAG 340 COLOR: STANDARD GREY FINISH: EXPOSED AGGREGATE |

KEY MAP



NOTES:
1. MINIMUM CALIPER SIZE IS A ZONING REQUIREMENT. IF THE MINIMUM CALIPER CANNOT BE MET AT BOX SIZE THAT IS SPECIFIED, THEN THE BOX SIZE MUST BE INCREASED TO MEET CALIPER REQUIREMENTS.

EXHIBIT 5.47 LANDSCAPE PLAN



VICINITY MAP

RETENTION PROVIDED FOR 50-YR, 24-HR STORM
(3 INCHES)

DRAINAGE AREA A
235,505 SF X 0.95 X (3/12)
= 55,932 CF REQUIRED
BASIN A-1 (SURFACE)
= 35,165 CF PROVIDED
2 DRYWELLS @0.25CFS = 19.5HR

BASIN A-2 (UNDERGROUND)
= 21,195 CF PROVIDED
2 DRYWELLS @0.25CFS = 31.1HR

TOTAL PROVIDED = 56,360 CF

DRAINAGE AREA B
162,518 SF X 0.95 X (3/12)
= 38,598 CF REQUIRED
BASIN B (UNDERGROUND)
= 47,100 CF PROVIDED
2 DRYWELLS @0.25CFS = 26.0HR

DRAINAGE AREA C
153,750 SF X 0.95 X (3/12)
= 36,516 CF REQUIRED
BASIN C (UNDERGROUND)
= 16,878 CF PROVIDED
(19,638 CF OVERFLOW TO AREA D)
1 DRYWELLS @0.25CFS = 18.8HR

DRAINAGE AREA D
194,777 SF X 0.95 X (3/12)
= 45,260 CF REQUIRED+19638 FROM AREA C
= 64,898
BASIN D (UNDERGROUND)
= 65,155 CF PROVIDED
3 DRYWELLS @0.25CFS = 24.0HR

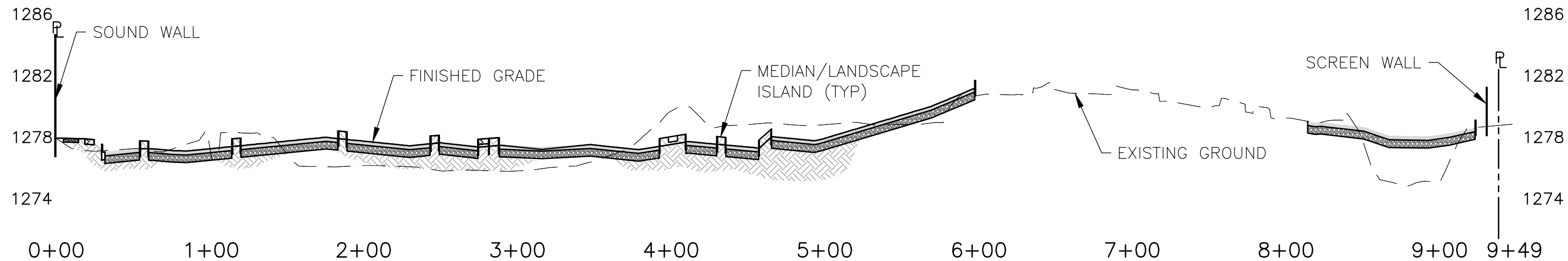
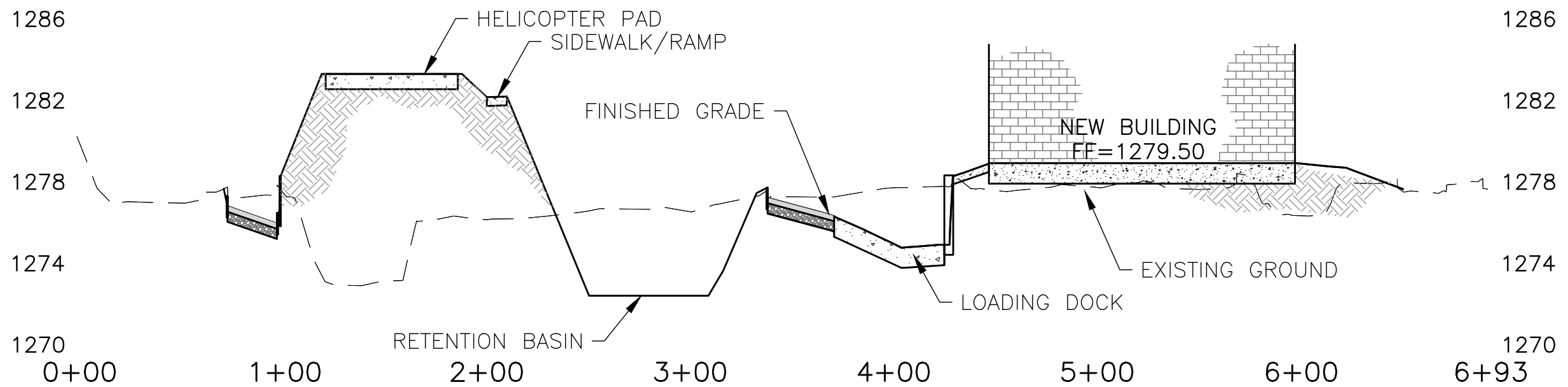
EXST CATCH BASIN
& STORM DRAIN

0' 60' 120' 240'



SCALE: 1"=120'

EXHIBIT 6.1



0' 30' 60' 120'

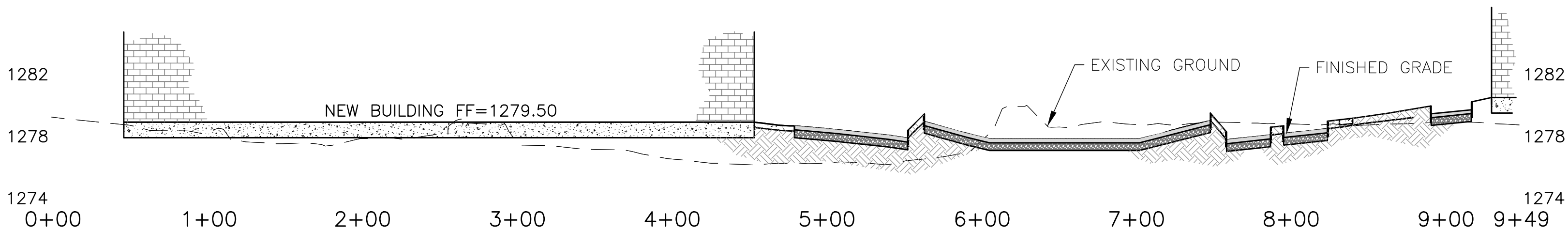
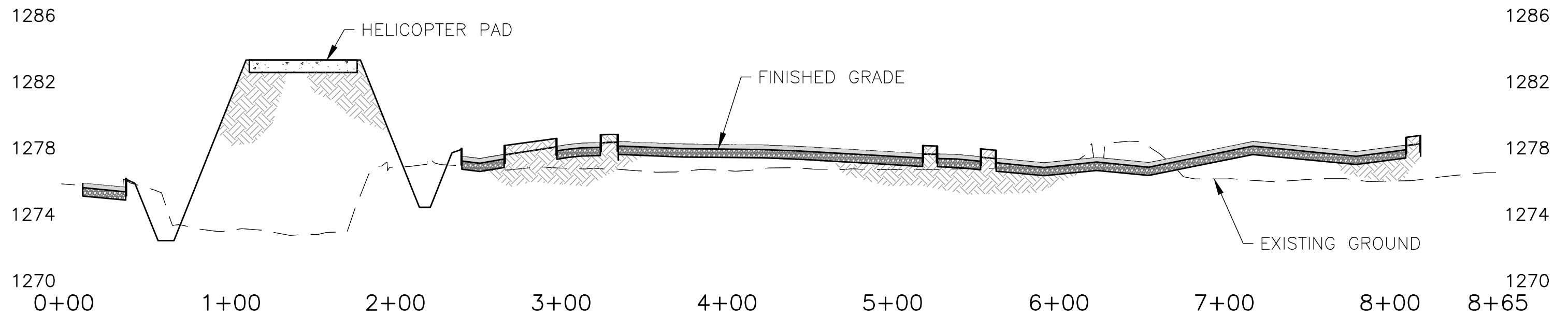


SCALE: 1"=60' (H)

SCALE: 1"=6' (V)

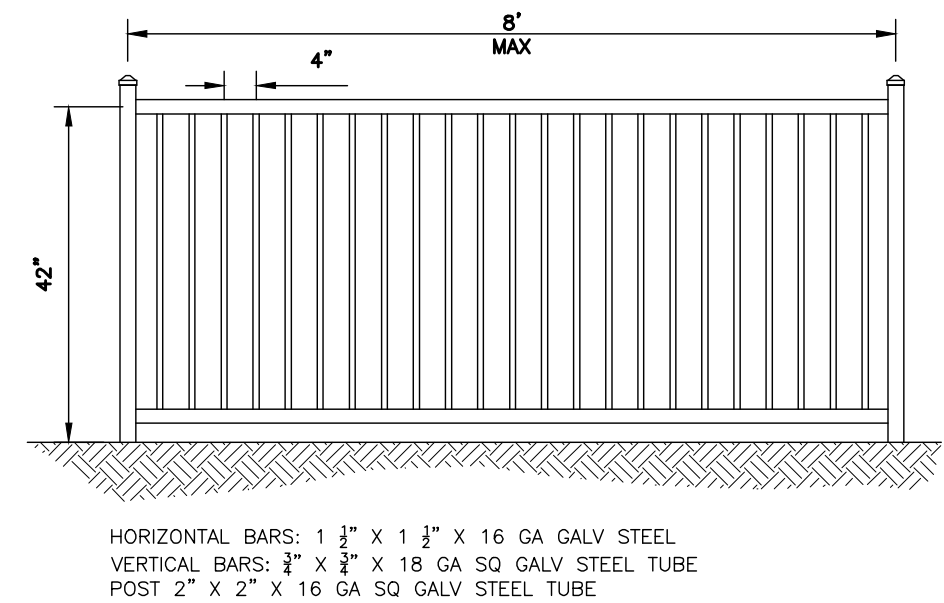
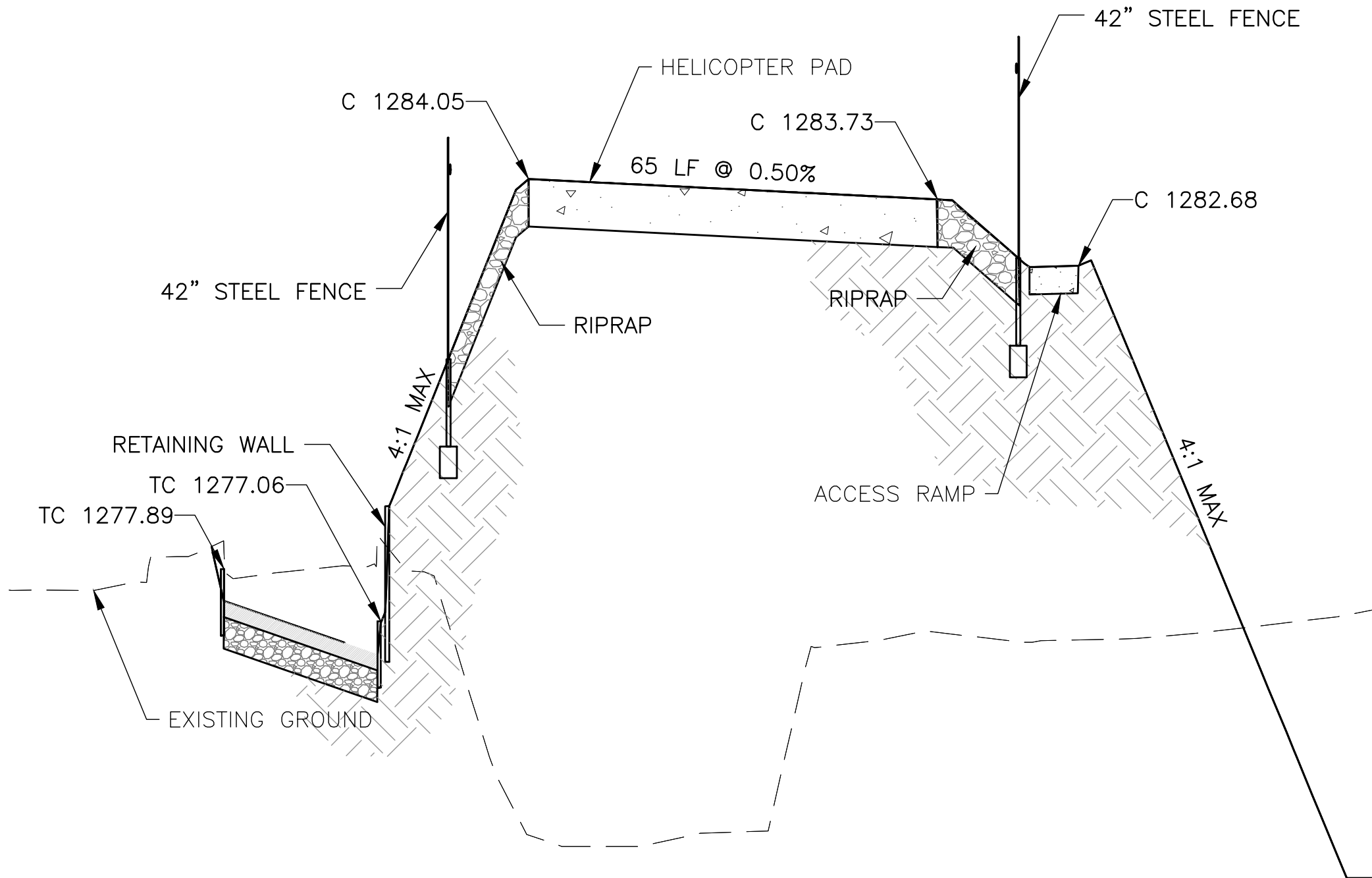
EXHIBIT 6.2

CROSS SECTIONS



SCALE: 1"=60' (H)
SCALE: 1"=6' (V)

EXHIBIT 6.3 CROSS SECTIONS



STEEL FENCE

**EXHIBIT 6.4
HELIPAD CROSS SECTION**

Colors -

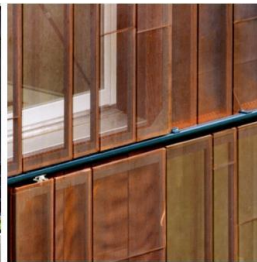
DR18-95: Women's and Children's Tower at
Mercy Gilbert Medical Center
Attachment 8: Colors and Materials
August 1, 2018



S1 - RANDOM LINEAR COURSED ROUGH CUT STONE BASE



M5 - DINING SCREEN WALL

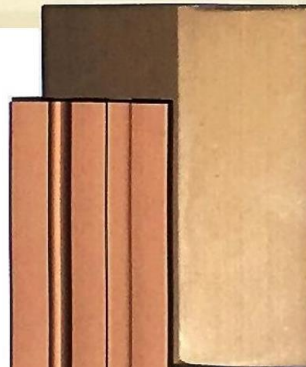
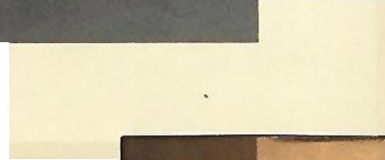


M6 - PERFORATED METAL SCREEN

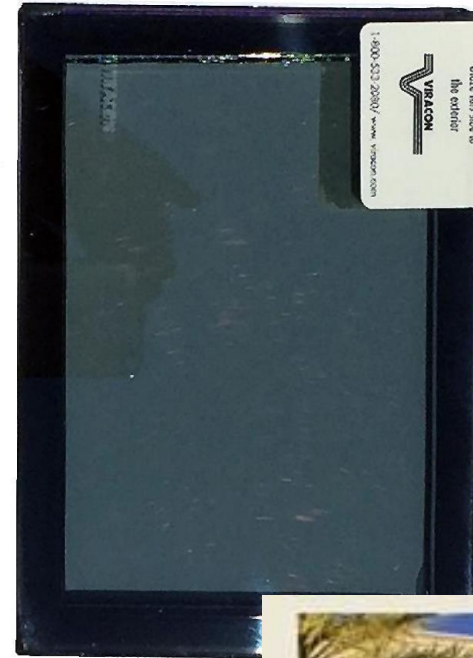


M1 - METAL PANEL

E1 & M4 - FIELD COLOR
OF EIFS AND EQUIPMENT
SCREENS. (UNDERLAY IS
COLOR OF EXISTING)



M2 - METAL PANEL,
REFERENCE TO EXISTING
DOMES. SELECTION TO BE
DETERMINED.

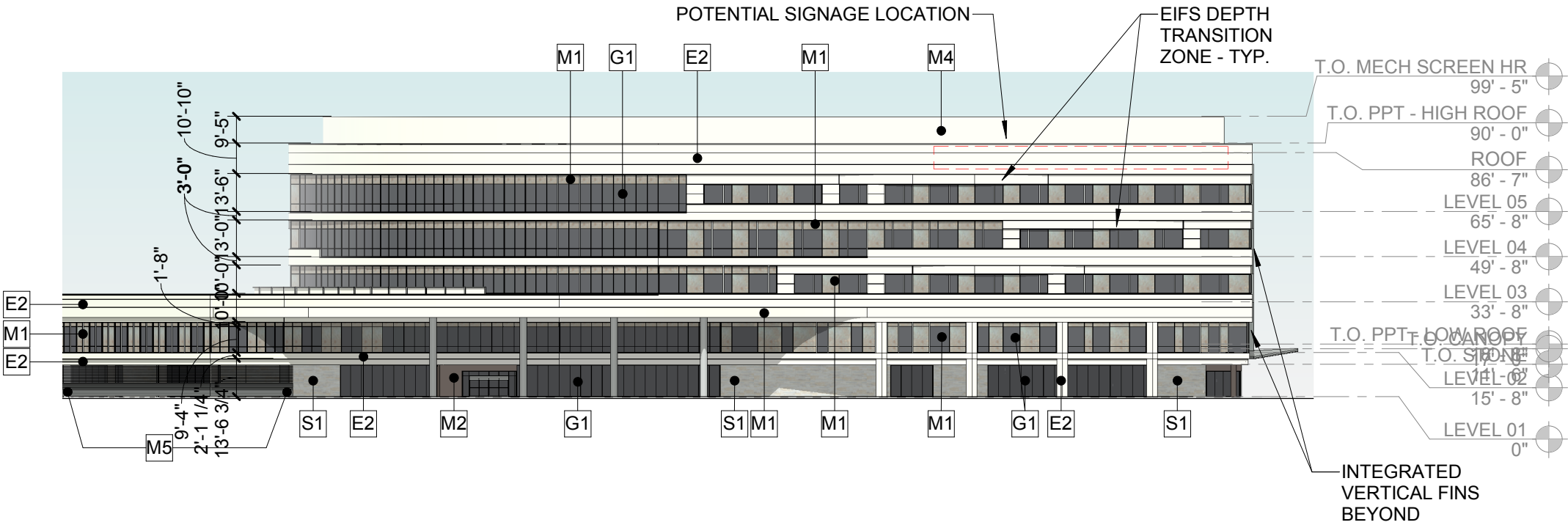


G1 - VISION GLAZING -
INSULATED, LOW E COATING

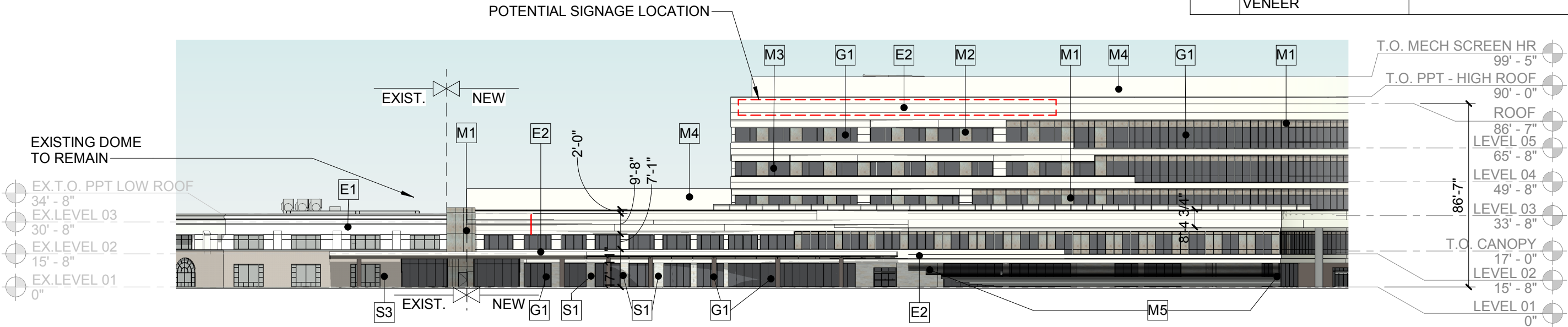


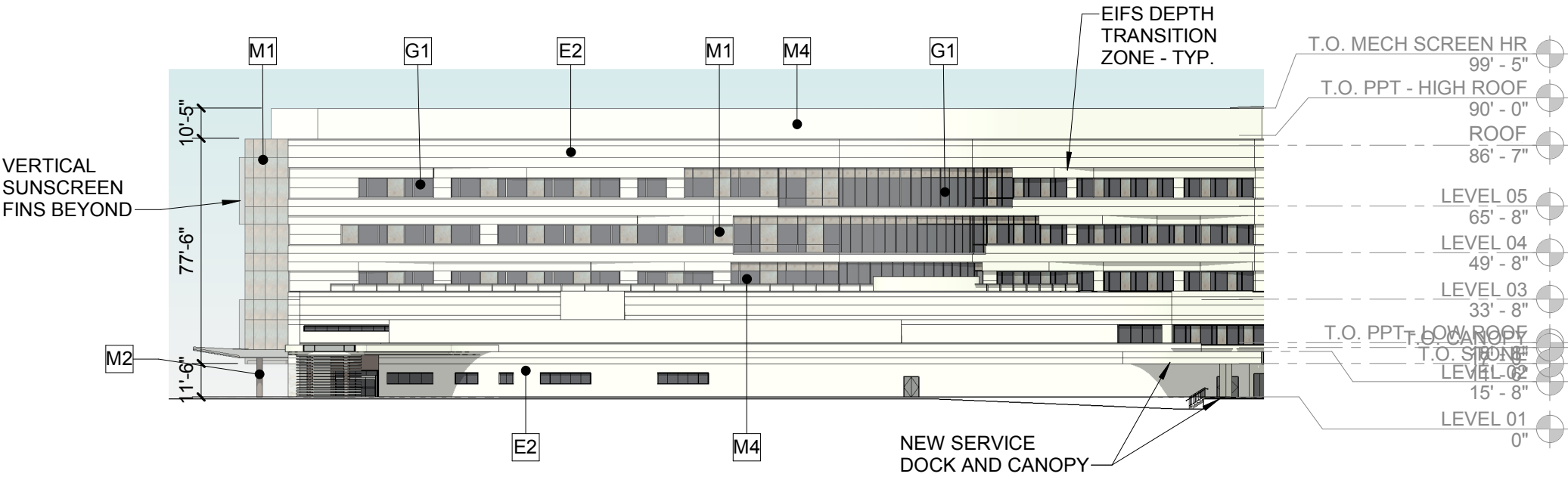
| 60.00-Materials-Legend | | |
|------------------------|--|--|
| MARK | MATERIAL | COLOR |
| E1 | EXISTING EIFS | IVORY/CREAM |
| E2 | NEW EIFS | MATCH EXISTING |
| G1 | VISION GLAZING - INSULATED | WARM LIGHT GREY - LOW E COATING |
| G2 | SPANDREL GLAZING - INSULATED | WARM LIGHT GREY - LOW E COATING |
| M1 | METAL PANEL, FIELD | WEATHERED BRONZE (REF. EXISTING DOMES) |
| M2 | METAL PANEL, ACCENT | LIGHT BRONZE |
| M3 | CURTAIN WALL MULLIONS | WARM GREY |
| M4 | METAL PANEL, EQUIP. SCREEN | IVORY/CREAM - MATCH EIFS |
| M5 | METAL, DINING SCREEN WALL | LIGHT BRONZE |
| S1 | NEW RANDOM LINEAR COURSED STONE VENEER | COLOR BLEND COMPLEMENTARY TO EXISTING |
| S2 | REUSED SALVAGED EXISTING STONE VENEER | |
| S3 | EXISTING RANDOM-COURSED ROUGH STONE VENEER | |

2 ELEVATION - EAST
1" = 50'-0"



1 ELEVATION - SOUTH
1" = 50'-0"

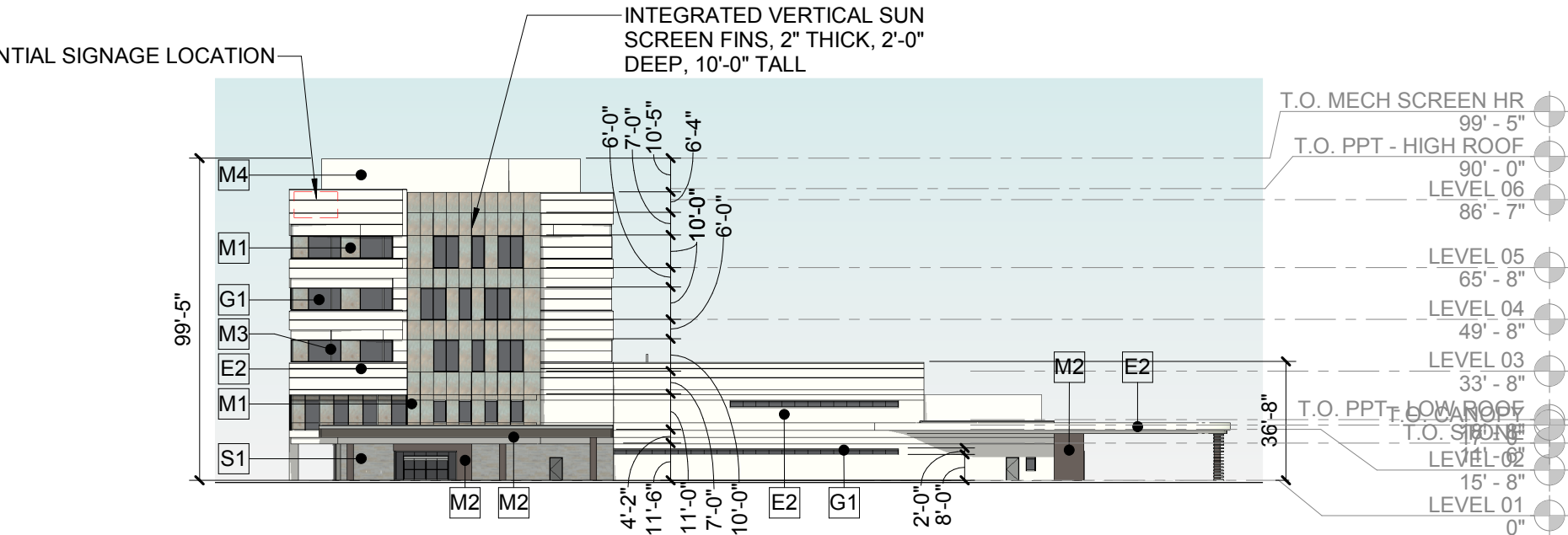




3 ELEVATION - NORTHWEST

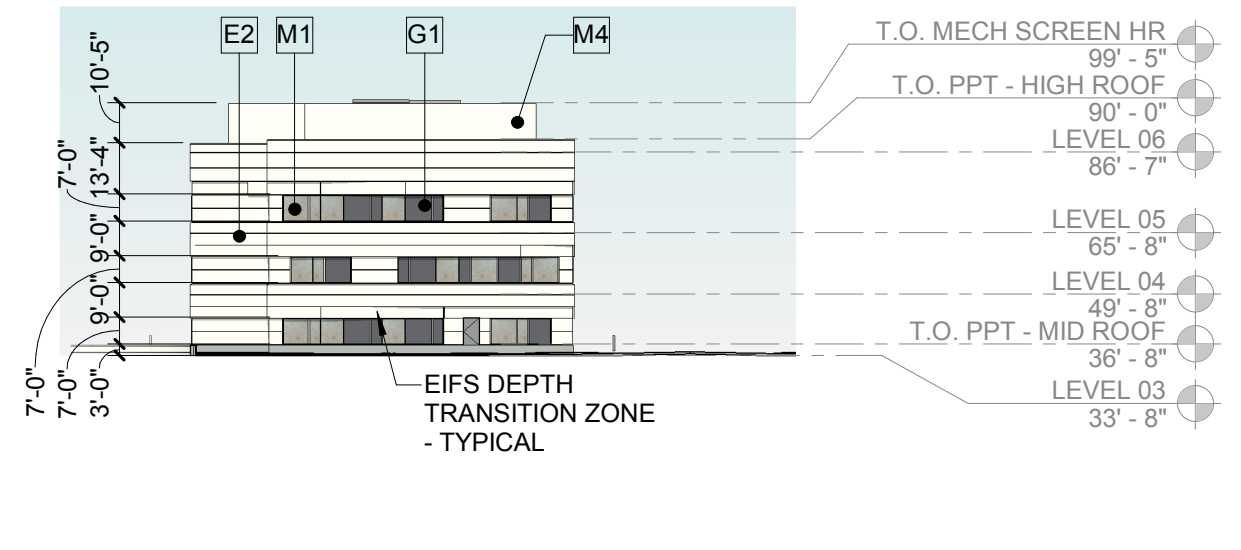
1" = 50'-0"

| 60.00-Materials-Legend | | |
|------------------------|--|--|
| MARK | MATERIAL | COLOR |
| E1 | EXISTING EIFS | IVORY/CREAM |
| E2 | NEW EIFS | MATCH EXISTING |
| G1 | VISION GLAZING - INSULATED | WARM LIGHT GREY - LOW E COATING |
| G2 | SPANDREL GLAZING - INSULATED | WARM LIGHT GREY - LOW E COATING |
| M1 | METAL PANEL, FIELD | WEATHERED BRONZE (REF. EXISTING DOMES) |
| M2 | METAL PANEL, ACCENT | LIGHT BRONZE |
| M3 | CURTAIN WALL MULLIONS | WARM GREY |
| M4 | METAL PANEL, EQUIP. SCREEN | IVORY/CREAM - MATCH EIFS SCREEN |
| M5 | METAL, DINING SCREEN WALL | LIGHT BRONZE |
| S1 | NEW RANDOM LINEAR COURSED STONE VENEER | COLOR BLEND COMPLEMENTARY TO EXISTING |
| S2 | REUSED SALVAGED EXISTING STONE VENEER | |
| S3 | EXISTING RANDOM-COURSED ROUGH STONE VENEER | |



2 ELEVATION - NORTHEAST

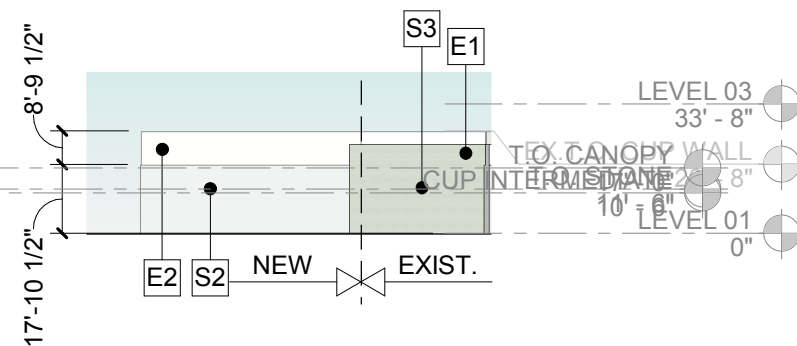
1" = 50'-0"



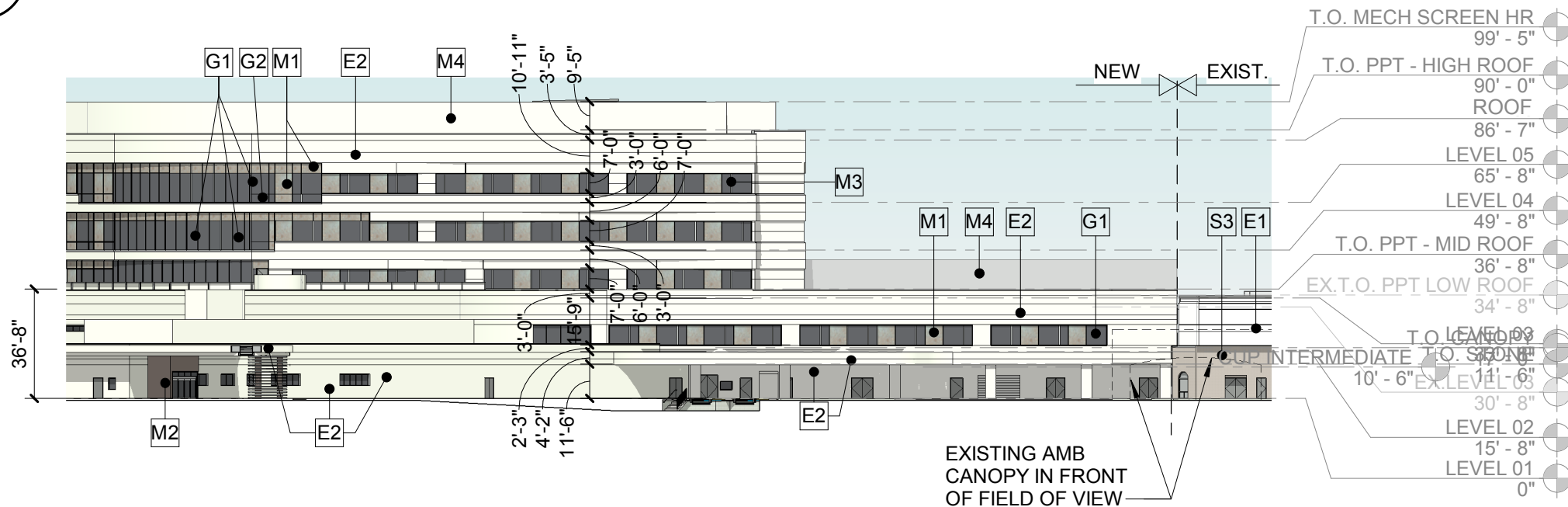
1 WEST ELEVATION

1" = 50'-0"

EXHIBIT 08.02



4 CUP WEST ELEVATION
1" = 50'-0"



1 ELEVATION - NORTH
1" = 50'-0"

| 60.00-Materials-Legend | | |
|------------------------|--|--|
| MARK | MATERIAL | COLOR |
| E1 | EXISTING EIFS | IVORY/CREAM |
| E2 | NEW EIFS | MATCH EXISTING |
| G1 | VISION GLAZING - INSULATED | WARM LIGHT GREY - LOW E COATING |
| G2 | SPANDREL GLAZING - INSULATED | WARM LIGHT GREY - LOW E COATING |
| M1 | METAL PANEL, FIELD | WEATHERED BRONZE (REF. EXISTING DOMES) |
| M2 | METAL PANEL, ACCENT | LIGHT BRONZE |
| M3 | CURTAIN WALL MULLIONS | WARM GREY |
| M4 | METAL PANEL, EQUIP. SCREEN | IVORY/CREAM - MATCH EIFS |
| M5 | METAL, DINING SCREEN WALL | LIGHT BRONZE |
| S1 | NEW RANDOM LINEAR COURSED STONE VENEER | COLOR BLEND COMPLEMENTARY TO EXISTING |
| S2 | REUSED SALVAGED EXISTING STONE VENEER | |
| S3 | EXISTING RANDOM-COURSED ROUGH STONE VENEER | |



EXHIBIT 5.21 LANDSCAPE PERSPECTIVE RENDERING

View from MGMC Outpatient Parking Lot

DR18-95: Mercy Gilbert Medical Center Women's
and Children's Tower
Attachment 4 - Perspectives
Women & Children's Tower at MGMC





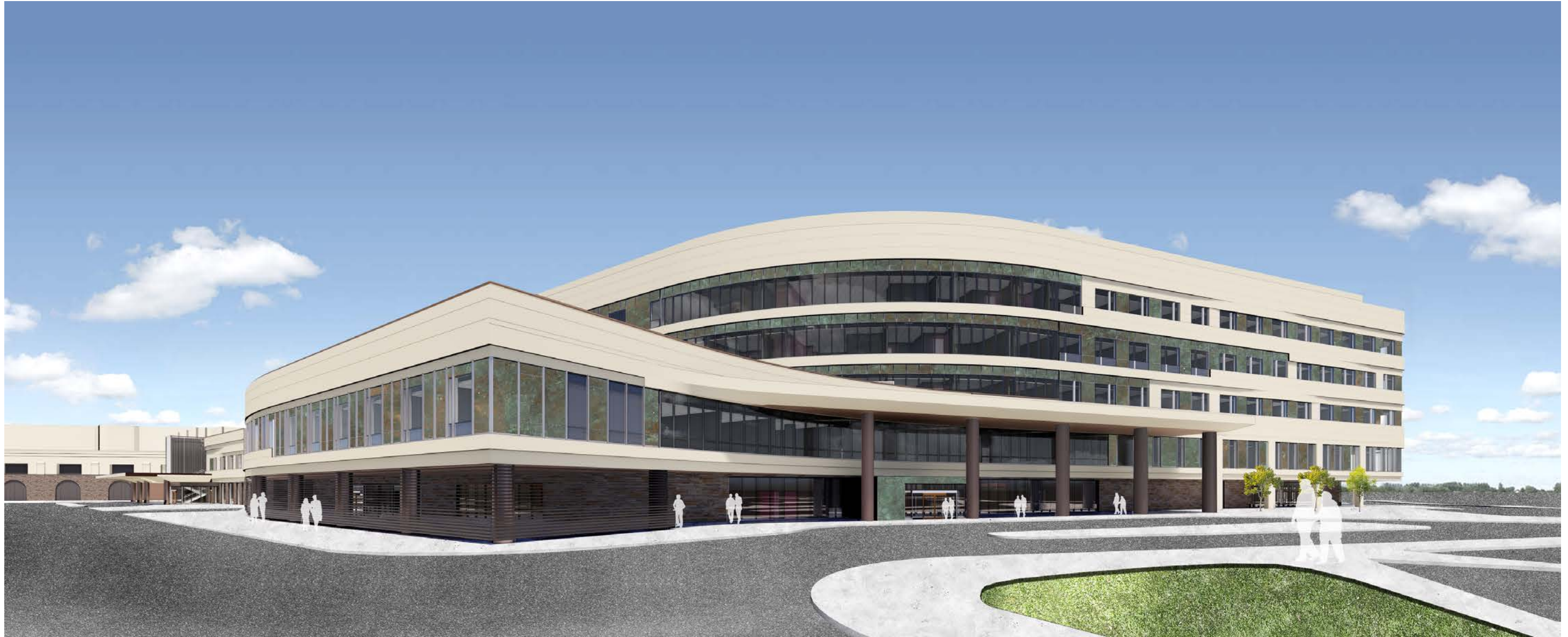
EXHIBIT 5.20 LANDSCAPE PERSPECTIVE RENDERING





Entrance View

Women & Children's Tower at MGMC



Parking Lot View

Women & Children's Tower at MGMC



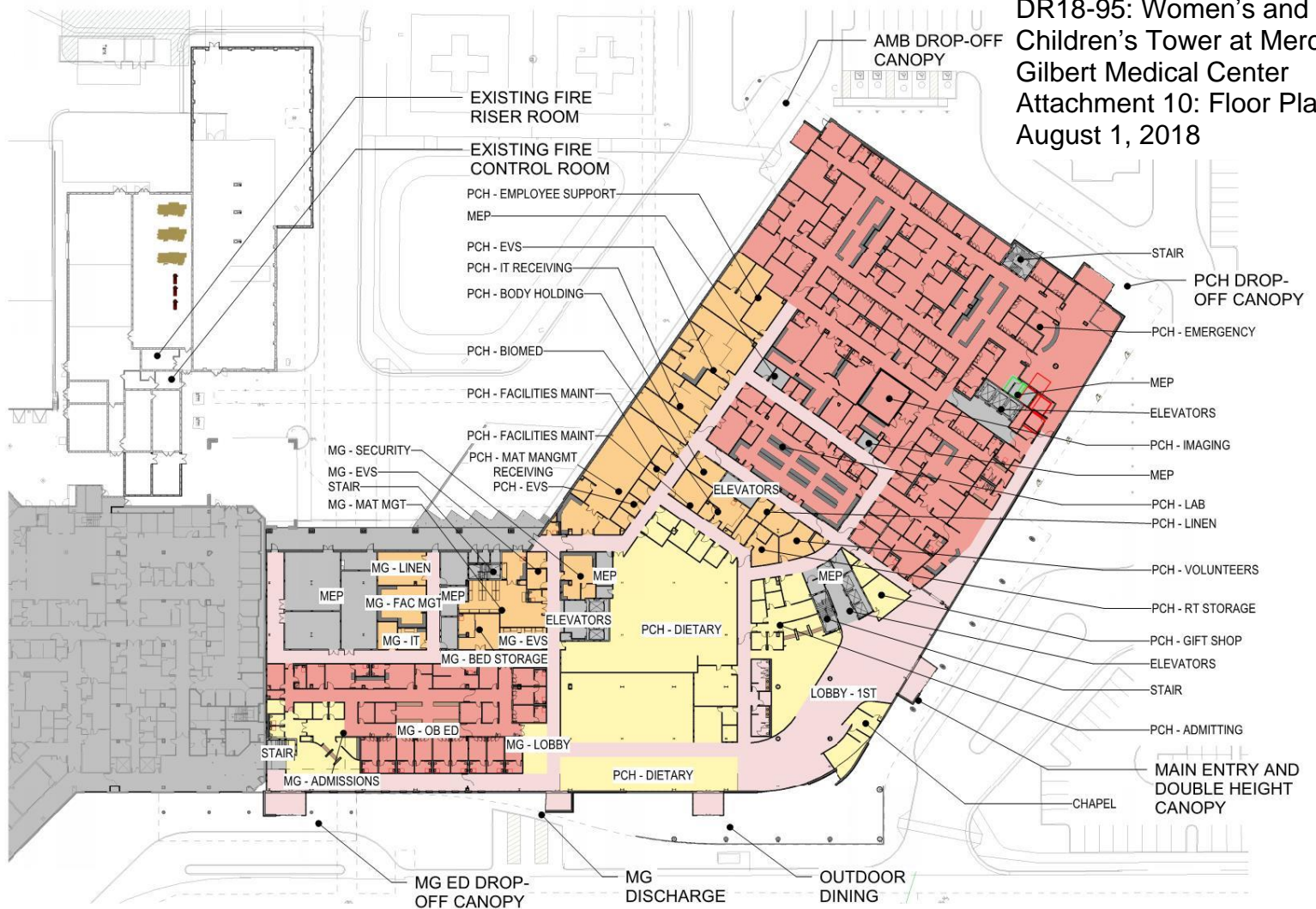


1st Floor

BGSF

| LEVEL | AREA |
|------------------------|----------------|
| LEVEL 01 | 117,823 |
| LEVEL 02 | 116,720 |
| LEVEL 03 | 47,997 |
| LEVEL 04 | 47,997 |
| LEVEL 05 | 47,997 |
| LEVEL 06 (ROOF ACCESS) | 761 |
| TOTAL | 379,295 |

DR18-95: Women's and Children's Tower at Mercy Gilbert Medical Center
Attachment 10: Floor Plans
August 1, 2018



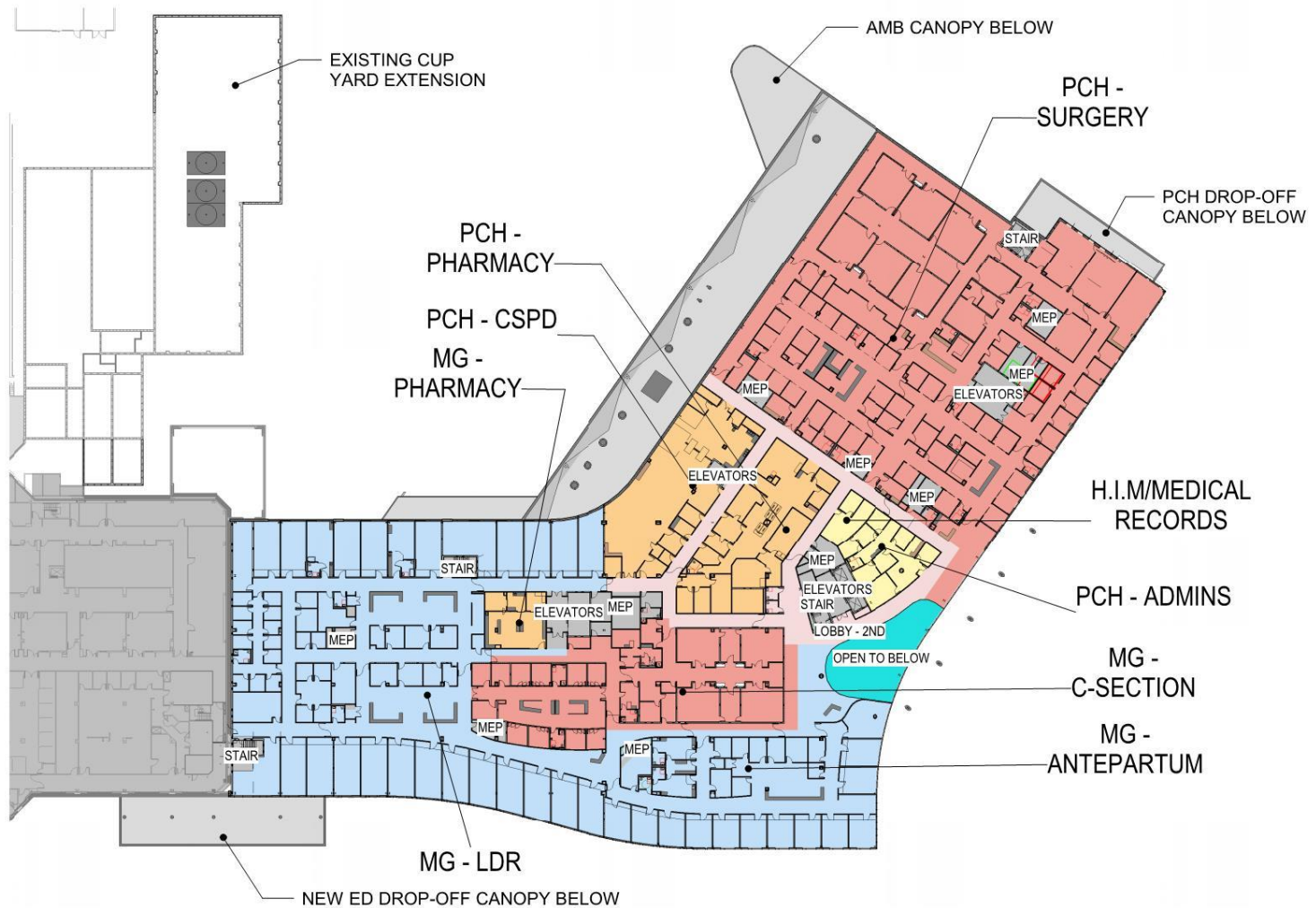
1 LEVEL 01
1" = 60'-0"

EXHIBIT 09.01

2nd Floor

BGSF

| LEVEL | AREA |
|------------------------|----------------|
| LEVEL 01 | 117,823 |
| LEVEL 02 | 116,720 |
| LEVEL 03 | 47,997 |
| LEVEL 04 | 47,997 |
| LEVEL 05 | 47,997 |
| LEVEL 06 (ROOF ACCESS) | 761 |
| TOTAL | 379,295 |



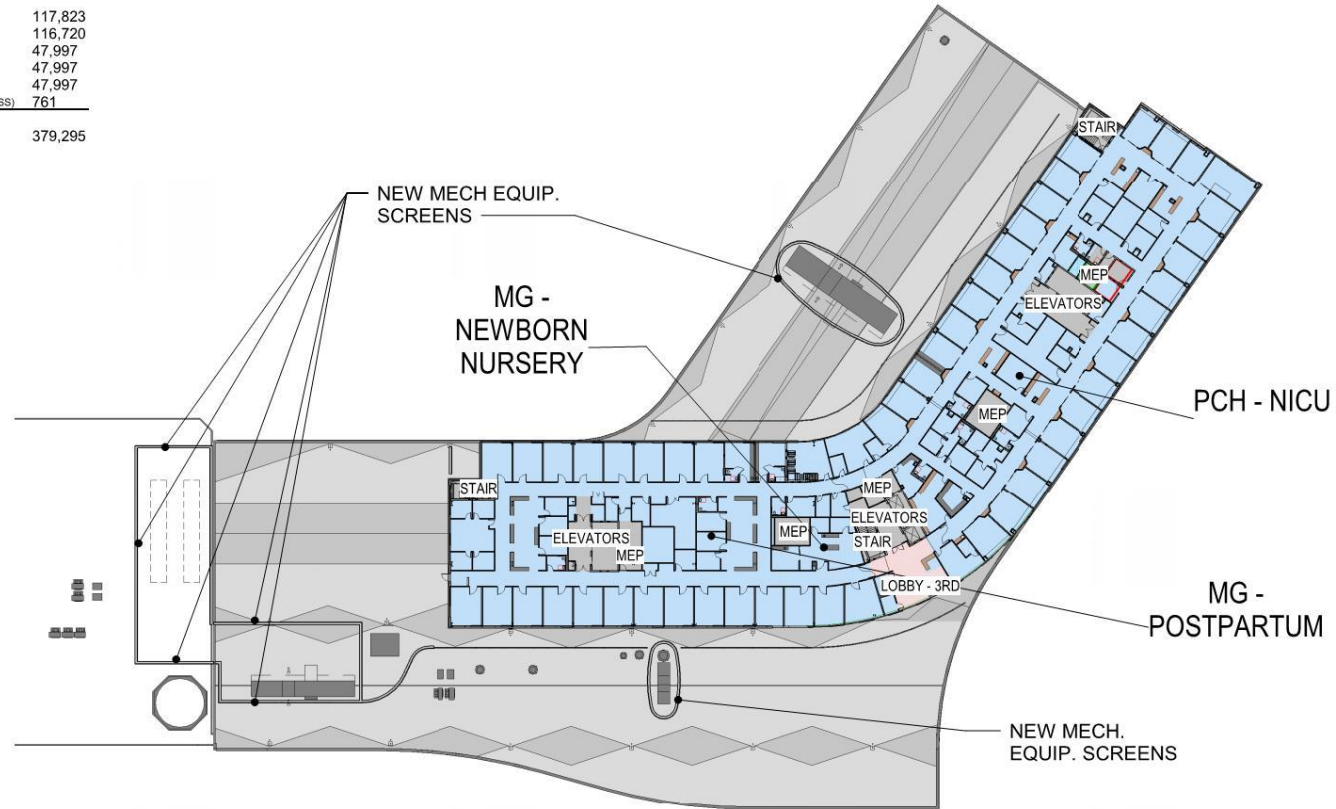
1 LEVEL 02
1" = 60'-0"

EXHIBIT 09.02

3rd Floors

BGSF

| LEVEL | AREA |
|------------------------|---------|
| LEVEL 01 | 117,823 |
| LEVEL 02 | 116,720 |
| LEVEL 03 | 47,997 |
| LEVEL 04 | 47,997 |
| LEVEL 05 | 47,997 |
| LEVEL 06 (ROOF ACCESS) | 761 |
| TOTAL | 379,295 |



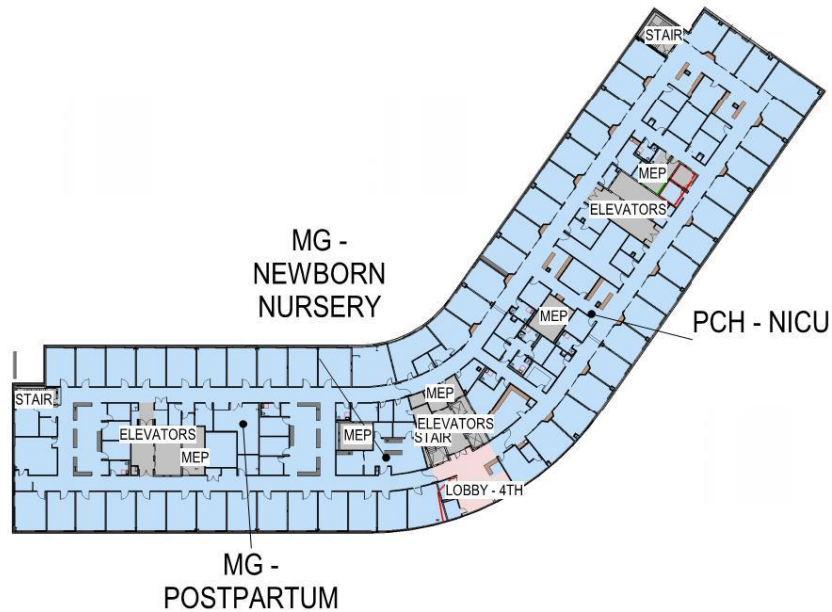
1 LEVEL 03
1" = 60'-0"

EXHIBIT 09.03

4th Floor

BGSF

| LEVEL | AREA |
|------------------------|---------|
| LEVEL 01 | 117,823 |
| LEVEL 02 | 116,720 |
| LEVEL 03 | 47,997 |
| LEVEL 04 | 47,997 |
| LEVEL 05 | 47,997 |
| LEVEL 06 (ROOF ACCESS) | 761 |
| TOTAL | 379,295 |



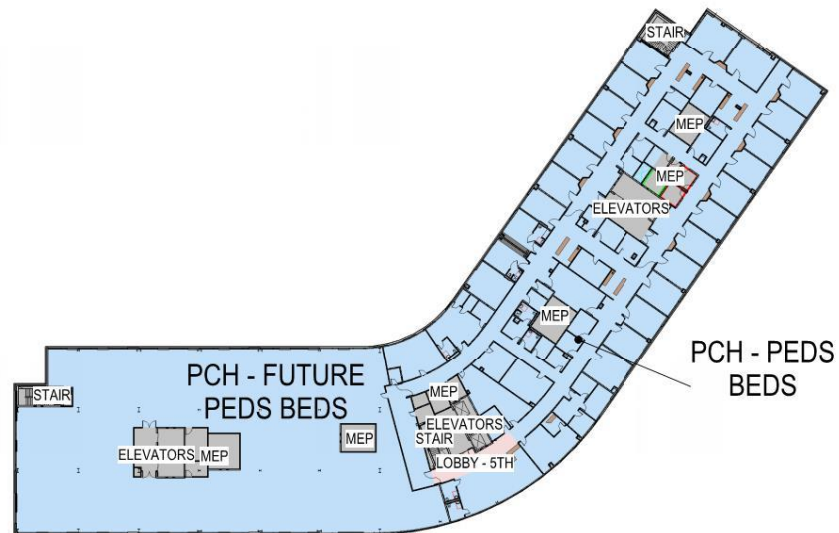
1 LEVEL 04
1" = 60'-0"

EXHIBIT 09.04

5th Floor

BGSF

| LEVEL | AREA |
|------------------------|---------|
| LEVEL 01 | 117,823 |
| LEVEL 02 | 116,720 |
| LEVEL 03 | 47,997 |
| LEVEL 04 | 47,997 |
| LEVEL 05 | 47,997 |
| LEVEL 06 (ROOF ACCESS) | 761 |
| TOTAL | 379,295 |



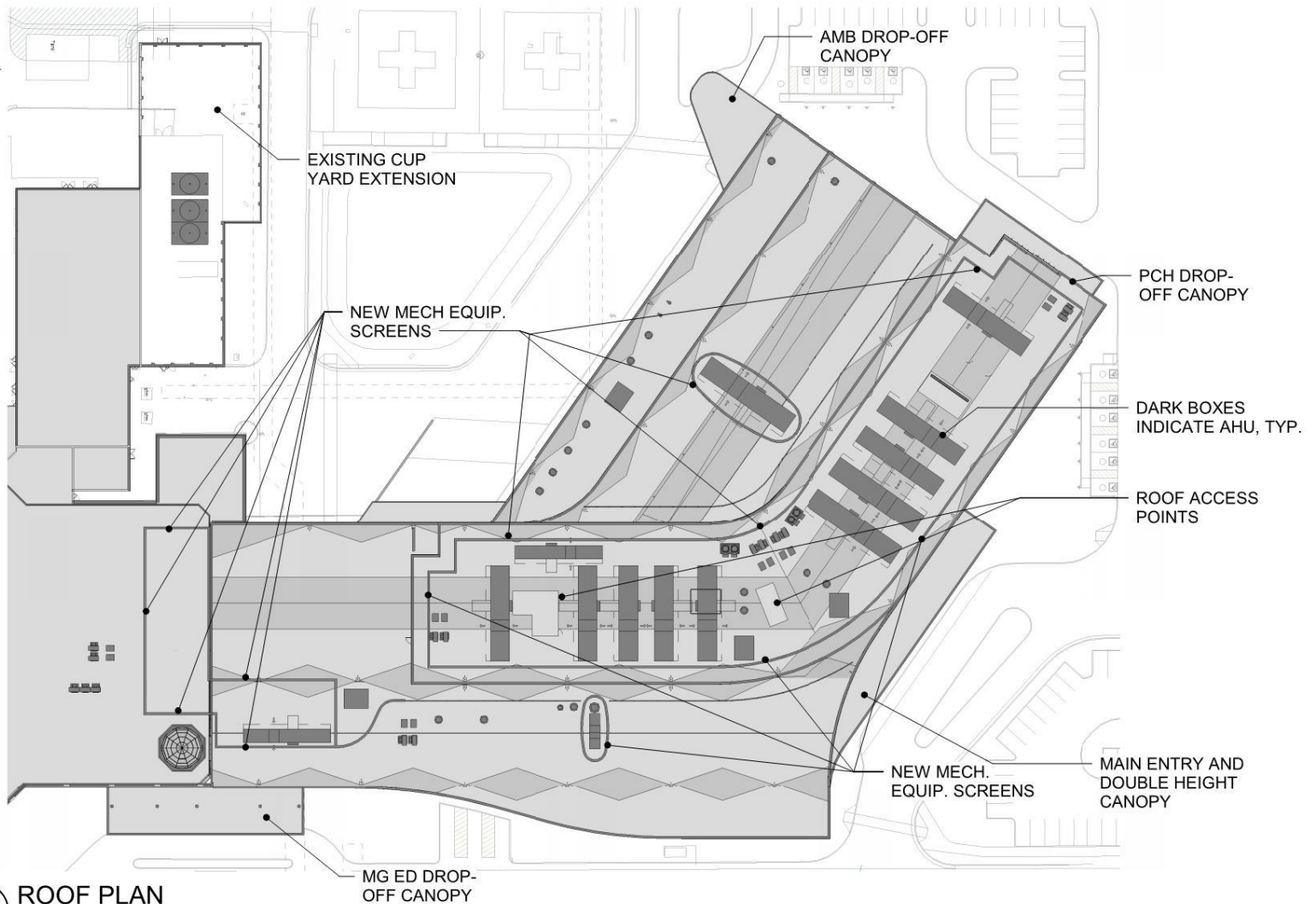
1 LEVEL 05
1" = 60'-0"

EXHIBIT 09.05

Roof

BGSF

| LEVEL | AREA |
|------------------------|---------|
| LEVEL 01 | 117,823 |
| LEVEL 02 | 116,720 |
| LEVEL 03 | 47,997 |
| LEVEL 04 | 47,997 |
| LEVEL 05 | 47,997 |
| LEVEL 06 (ROOF ACCESS) | 761 |
| TOTAL | 379,295 |



1

ROOF PLAN

1" = 60'-0"

EXHIBIT 09.06

DR18-95: Women's and Children's Tower at Mercy Gilbert Medical Center
Attachment 11: Lighting
August 1, 2018



Women and Children's Tower At Mercy Gilbert Medical Center
3555 South Val Vista Dr.
Gilbert, Arizona 85296



CONSTRUCTION MANAGER
2000 West University Drive
Tempe, AZ 85281
602.443.2690



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St. Louis, Missouri 63102
T: 314.241.6205
F: 314.241.2570
INTERIOR FIT-OUT
3737 Buffalo Speedway, Suite 1200
Houston, Texas 77098
713.821.9309

CannonDesign
MEP Engineering
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Grand Island, New York 14072
716.773.6800

CannonDesign
FP Engineering
One Eleven Tower
111 West Monroe Street, Suite 704
Phoenix, Arizona 85003
602.254.0300

Walter P. Moore
Structural Engineering
1301 McKinney, Suite 1100
Houston, Texas 77010
713.630.7409

Dibble Engineering
Civil Engineering
7878 North 16th Street, Suite 300
Phoenix, Arizona 85020
602.957.1155

Lorch Bates
Logistics
9780 S. Meridian Blvd #450
Englewood CO 80112
303.332.6975

Garnier Resources
Medical Equipment Planning
13951 N. Scottsdale Road, Suite 105
Scottsdale, AZ 85254
480.535.9394

Robert Rippe & Associates
Foodservice Design + Consulting
10400 Yellow Circle Dr. Suite 100
Minneapolis, MN 55343
952.933.0313

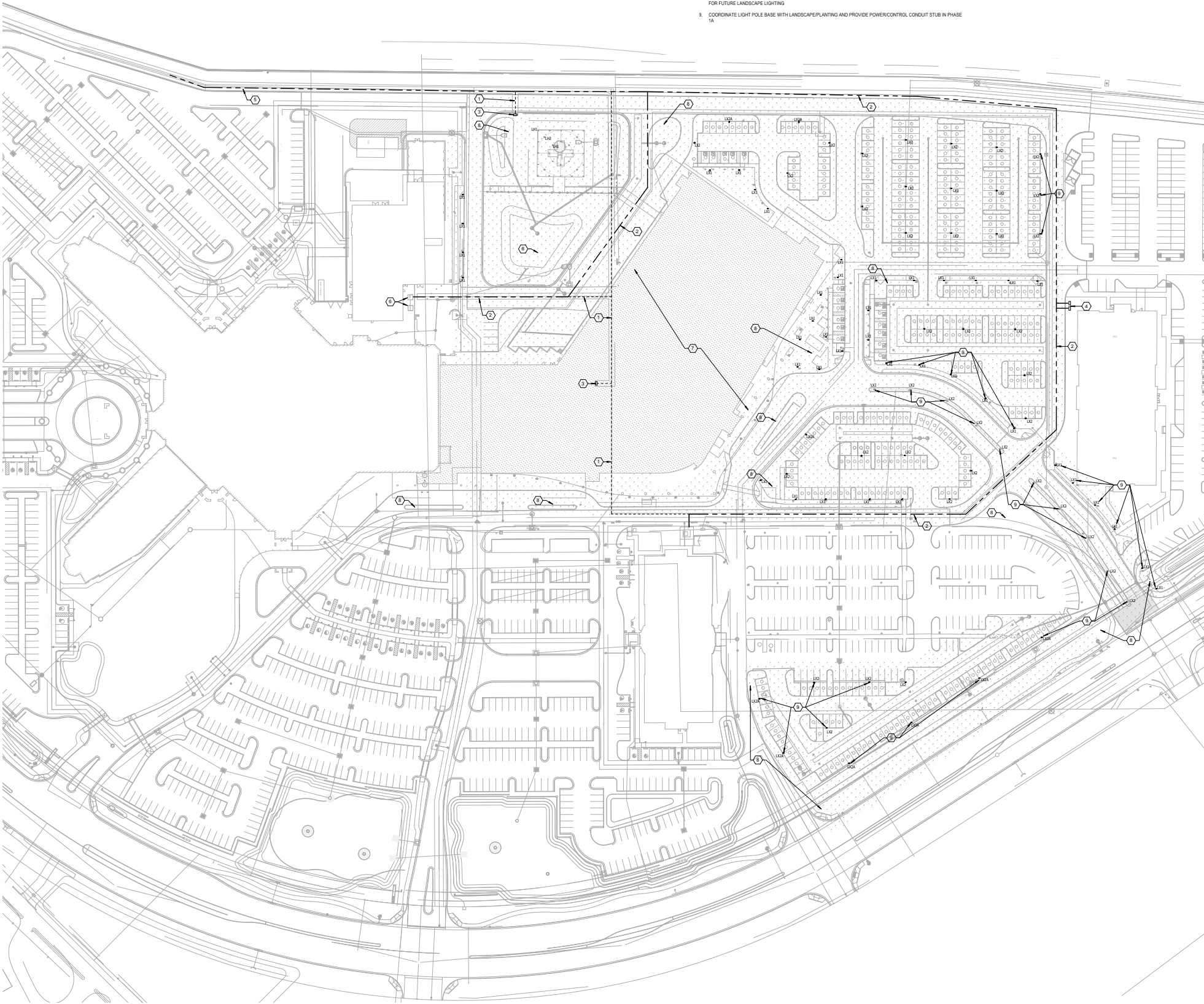
Jensen Hughes
Code Consultant
668 North 44th Street, Suite 204W
Phoenix, AZ 85008
602.268.6000

GENERAL NOTES :

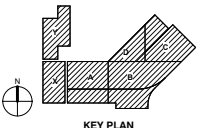
1. REFER TO SHEET E0101.1A - LEVEL 01 - LIGHTING PLAN FOR LUMINAIRE SCHEDULE
2. FOR ADDITIONAL PEDESTRIAN, LANDSCAPE, AND BUILDING MOUNTED LIGHTING REFER TO PACKAGE 1B
3. REMOVAL OF LIGHT FIXTURES TO INCLUDE ALL ASSOCIATED POLES, FITTINGS, MOUNTING DEVICES, WIRE, BOXES, FASTENERS, AND OTHER APPURTENANCES
4. ALL EXISTING EXPOSED CONDUITS AND WIRING NOT TO BE REUSED TO BE REMOVED. EXISTING CONDUIT TO REMAIN CONCEALED TO BE ABANDONED. EXISTING WIRE IN CONDUIT TO BE DISCONNECTED AND REMOVED.
5. IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED BY THE CONTRACTOR THAT AN EXISTING CIRCUIT BECOMES SPARE, CONTRACTOR TO UPDATE THE PANELBOARD DIRECTORY APPROPRIATELY.

KEYED NOTES :

1. REMOVE EXISTING UNDERGROUND UTILITY ELECTRICAL PRIMARY FEEDERS AND DUCTBANK. COORDINATE WORK WITH UTILITY (SRP). REFER TO CIVIL DRAWINGS FOR EXACT LOCATIONS.
2. NEW UNDERGROUND UTILITY PRIMARY FEEDERS AND DUCTBANK. COORDINATE WORK WITH UTILITY (SRP). REFER TO CIVIL DRAWINGS FOR EXACT LOCATIONS.
3. REMOVE EXISTING UTILITY PADMOUNT SWITCH. COORDINATE WORK WITH UTILITY (SRP). REFER TO CIVIL DRAWINGS FOR EXACT LOCATIONS.
4. NEW UTILITY PADMOUNT SWITCH. COORDINATE WORK WITH UTILITY (SRP). REFER TO CIVIL DRAWINGS FOR EXACT LOCATIONS.
5. EXISTING UNDERGROUND UTILITY ELECTRICAL PRIMARY FEEDERS AND DUCTBANK TO REMAIN.
6. EXISTING UTILITY TRANSFORMERS TO REMAIN.
7. REMOVE EXISTING SITE LIGHTING IN ALL AREAS TO BE OCCUPIED BY NEW BUILDING AND SITE CONSTRUCTION
8. PROVIDE POWER/CONTROL CONDUIT, IN-GRADE TRANSFORMER/DRIVER ENCLOSURES, AND MOUNTING LOCATIONS FOR FUTURE LANDSCAPE LIGHTING
9. COORDINATE LIGHT POLE BASE WITH LANDSCAPE/PLANTING AND PROVIDE POWER/CONTROL CONDUIT STUB IN PHASE 1A



| No. | Description | Date |
|-----|--------------|---------------|
| 1 | QA/QC REVIEW | JULY, 03 2018 |



Drawing Title:

ELECTRICAL SITE PLAN

Project No.: 005472.00 Checked by: Checker

E0051.1A

1 ELECTRICAL SITE PLAN
1" = 50'-0"



| LUMINAIRE SCHEDULE | | | | | | | |
|--------------------|----------------------------|--------------------------------|----------------------------|------------------------|----------------|--------------|---|
| TAG | DESCRIPTION | INSTALLATION | LIGHT SOURCE | | INPUT WATTS | MIN. EFF. | REFERENCED PRODUCTS |
| | | METHOD | SPEC | QTY | | | |
| LX1 | PEDESTRIAN POLE | POLE 12' MOUNTING HEIGHT | 2241 LM 3000K 80 CRI | 1 | 39.5 | 57% | BEGA #84 064 |
| LX2 | PARKING / ROADWAY POLE | POLE 25' MOUNTING HEIGHT | LM 3000K 80 CRI | | 53 | 75% | EATON INVUE - ARBOR #ARB-B2-LED-D1-DIST-BZ-8030- |
| LX3 | BOLLARD | GRADE MOUNTED | 746 LM 3000K 80 CRI | | 14.4 | 52% | BEGA #99 570 |
| LX4 | LANDSCAPE UPLIGHT | GRADE MOUNTED | 2239 LM 3000K 80 CRI | | 25 | 89% | ECOSENSE - RISE #F170 SINGLE |
| LX5 | TREE MOUNTED AREA LIGHT | TREE STRAP | 531 LM 3000K 80 CRI | | 7.5 | 70% | ECOSENSE - RISE #F080 SINGLE |
| LX6 | EXTERIOR SCONCE | SURFACE WALL | 652 LM 3000K 80 CRI | | 10.5 | 62% | BEGA #79 547 |
| ABBREVIATIONS: | | | | | | | |
| D/I | DIRECT/INDIRECT | | LM | DELIVER TO BE SELECTE | | TBS | TO BE SELECTED BY ARCH |
| EFF | EFFICIENCY/EFFICACY/LMW | | LM/FT | LUMENS / UNIVERSAL 120 | | UNIV | UNIVERSAL 120-277VAC |
| ELBD | EMERG. LTG. BY PASS DEVICE | | LM/W | LUMENS PER WATT | | | |

| LOCATION |
|---|
| PEDESTRIAN AREAS NOT ADJACENT TO BUILDINGS |
| PARKING AREAS |
| HELICOPTER PAD AREAS, PEDESTRIAN AREAS NEAR BUILDINGS |
| LANDSCAPE AREAS |
| LANDSCAPE AREAS |
| BUILDING MOUNTED |

Light building element - symmetric light distribution

LX1

BEGA

Application
LED light building element luminaires with symmetric light distribution. Light building elements are luminous design features for public areas. They are ideally suited for delineating and structuring interior and exterior spaces such as landscape areas, plazas, building entrances and atria.

Materials
Luminaire housing and posts constructed of die-cast and extruded marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
Clear safety glass
Reflector made of pure anodized aluminum
High temperature silicone gasket
Silicone applied robotically to casting, plasma treated for increased adhesion
Mechanically captive stainless steel fasteners

NRTL listed to North American Standards, suitable for wet locations
Protection class IP65
Effective projection area: 9.1 sq. ft.
Weight: 94.8 lbs

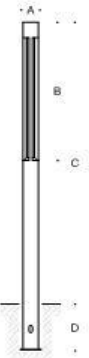
Electrical
Operating voltage 120-277VAC
Minimum start temperature -30° C
LED module wattage 39.5 W
System wattage 44.0 W
Controllability 0-10V dimmable
Color rendering index Ra > 80
Luminaire lumens 2,241 lumens (4000K)
Lifetime at Ta = 15° C 353,000 h (L70)
Lifetime at Ta = 30° C 142,000 h (L70)

LED color temperature
☐ 4000K - Product number + **K4**
☐ 3500K - Product number + **K35**
☐ 3000K - Product number + **K3**
☐ 2700K - Product number + **K27**

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish
All BEGA standard finishes are matte, textured polyester powder coat with minimum 3 mil thickness.

Available colors ☐ Black (BLK) ☐ White (WHT) ☐ RAL:
☐ Bronze (BRZ) ☐ Silver (SLV) ☐ CUS:



| Light building element · symmetric | | | | | |
|------------------------------------|--------|-----|------|-------|------|
| | LED | A | B | C | D |
| 84 064 | 39.5 W | 8 ¾ | 81 ⅜ | 177 ⅜ | 31 ½ |



BEGA 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 info@bega-us.com
Due to the dynamic nature of lighting products and the associated technologies, luminaire data on this sheet is subject to change at the discretion of BEGA North America. For the most current technical data, please refer to bega-us.com
© copyright BEGA 2018 Updated 05/08/18

EXHIBIT 10.03 .01

DESCRIPTION

The Invue Arbor post top brings architectural style to area/site and pedestrian scale applications. Its dayform appearance brings a desired organic look into the urban environment. WaveStream™ LED Optics provide a uniform pixelation free image, managing glare while providing high levels of visibility.

SPECIFICATION FEATURES

Construction

Two-piece IP66 rated housing is cast from low copper content corrosion resistant aluminum, maintaining strength and precision to sustain long term dayform appearance. ANSI C136.31 testing compliance prevents damage from installation generated vibration. External hardware and casting seams are minimized to enhance appearance.

Optics

Specifically designed for pedestrian applications, WaveStream LED optical waveguide technology produces both symmetric NEMA type V and asymmetric NEMA II, III, IV distributions. The waveguide is manufactured from precision injection molded acrylic resulting in a pixelation free optical image for improved glare control and visual comfort. Luminaire efficacy's measure up to 100 lm/w for 4000K (+/- 275K) CCT at 70 CRI (min), optional 3000K CCT at 80 CRI is also available.

Electrical

LED driver(s) are directly mounted to upper housing thermal pad for optimal thermal performance. Standard 0-10V dimming drivers and Eaton's proprietary surge protection module are designed to withstand 10kV of transient line surge. Drivers operate at 120-

277V 50/60Hz with 347V/60Hz or 480V/60Hz operation optional. Suitable for ambient temperature applications from -30°C (-22°F) to 40°C (104°F). Limited high ambient options allow for 50°C operation.

Controls

The Arbor LED luminaire control options are designed to be simple and cost-effective ASHRAE and California Title 24 compliant solutions. The ANSI C136.41 compliant NEMA 7-PIN receptacle enables wireless dimming when used with compatible photocontrol. An integrated dimming and occupancy sensor is a standalone control option available in on/off (MS) and bi-level dimming (MS/ DIM) operation. The optional LumaWatt Pro™ system is best described as a peer-to-peer wireless network of luminaire-integral sensors that operate in accordance with programmable profiles. Each sensor is capable of motion and photo sensing, metering power consumption and wireless communication.

Mounting

Fitter assembly mounts over 2-3/8" O.D. tenon and is secured via six concealed stainless steel set screws. Design of fitter provides seamless transition to 3" O.D. round pole top. Additional mounting accessories include a

| Catalog # | | Type |
|-------------|--|------|
| Project | | LX2 |
| Comments | | Date |
| Prepared by | | |

single fixture arm mount, twin fixture arm mount and wall mount arm. Additional pole mount accessories mount to a 3" x 4" long tenon for 4" - 5" O.D. poles tops. For existing 2-3/8" tenons an adapter is shipped standard.

Finish

Eaton utilizes premium ultra-weatherable TGIC based polyester powder coatings that are specifically formulated to withstand extended outdoor exposure. The powders are formulated exclusively for Eaton to serve functionally as well as decorative. Good film appearance combined with excellent mechanical an exterior exposure qualities display greater than twice as much gloss retention. RAL and custom color matches available. Finish is compliant with ASTM B117 3000hr salt spray standard.

Warranty

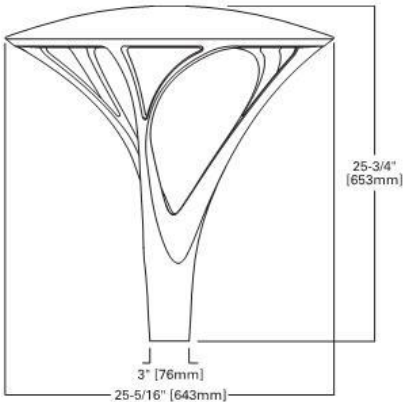
Five-year warranty.



ARB ARBOR
POST TOP

DECORATIVE LUMINAIRE

DIMENSIONS



CERTIFICATION DATA

UL/cUL Listed
IP66 Housing
ANSI C136.31
1.5G Vibration Tested
RoHS
ISO 9001

ENERGY DATA

Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120-277V 50/60Hz, 347V/60Hz,
480V/60Hz
-30°C Minimum Temperature
40°C Ambient Temperature Rating

EPA

Effective Projected Area: (Sq. Ft.) 0.9

Approximate Net Weight:
37 lbs. [16.8 kgs.]



TD516018EN
March 12, 2018 3:38 PM

POWER AND LUMENS

| Lumen Package | | B1 | B2 | B3 | B4 |
|---------------------------|------------|----------|----------|----------|----------|
| Drive Current | | | | | |
| Power Wattage (Watts) | | 24W | 48W | 96W | 99W |
| Input Current (mA) @ 120V | | 200 | 400 | 800 | 830 |
| Input Current (mA) @ 208V | | 120 | 240 | 470 | 480 |
| Input Current (mA) @ 240V | | 100 | 200 | 400 | 420 |
| Input Current (mA) @ 277V | | 90 | 180 | 350 | 360 |
| Power Wattage (Watts) | | 26W | 53W | 107W | 108W |
| Input Current (mA) @ 347V | | 79 | 161 | 325 | 328 |
| Input Current (mA) @ 480V | | 58 | 117 | 235 | 237 |
| Optics | | | | | |
| Type II | Lumens | 2,045 | 3,994 | 7,362 | -- |
| | BUG Rating | B1-U1-G1 | B1-U2-G2 | B3-U2-G3 | -- |
| Type III | Lumens | 2,324 | 4,534 | 8,451 | - |
| | BUG Rating | B1-U1-G1 | B1-U2-G2 | B2-U2-G3 | -- |
| Type IV | Lumens | 2,408 | 4,691 | 8,740 | -- |
| | BUG Rating | B1-U1-G1 | B1-U2-G2 | B2-U2-G3 | - |
| Type V | Lumens | 2,311 | 4,529 | 8,511 | 9,464 |
| | BUG Rating | B2-U1-G1 | B3-U2-G2 | B3-U2-G3 | B3-U2-G3 |

ORDERING INFORMATION

Sample Number: ARB-B2-LED-D1-T2-GM

| Product Family ^{1,2} | Lumens ³ | Lamp Type ⁵ | Voltage | Distribution | Color |
|--|---|---------------------------------------|---|--|--|
| ARB=Arbor Post Top | B1=Nominal 2,300 Lumens B2=Nominal 4,500 Lumens B3=Nominal 8,500 Lumens B4=Nominal 9,500 Lumens ⁴ | LED=Solid State Light Emitting Diodes | D1=Dimming Driver (120-277V) 347=347V ⁶ 480=480V ^{6,7} | T2=Type II T3=Type III T4=Type IV T5=Type V | AP=Grey BZ=Bronze BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White CC=Custom Color ⁸ |
| Options (Add as Suffix) | | | Accessories (Order Separately) ¹⁸ | | |
| 7030=70 CRI / 3000K CCT ⁹ 8030=80 CRI / 3000K CCT ⁹ PC=Button Type Photocontrol ¹⁰ PER=Standard 3-PIN Photocontrol Receptacle ¹⁰ PER7=NEMA 7-PIN Twistlock Photocontrol Receptacle ^{10,11} HA=50°C High Ambient ¹² MS-LXX=Photo/Motion Sensor for On/Off Operation ^{13,14} MS/DIM-LXX=Programmable Photo/Motion Sensor ^{13,14,15} LWR-LW=LumaWatt Pro Wireless Sensor, Wide Lens 8' - 16' Mounting Height ¹⁶ LWR-LN=LumaWatt Pro Wireless Sensor, Wide Lens 16' - 40' Mounting Height ¹⁶ SLTD=Fifth Light Dali Driver ¹⁷ DIM=0-10V External Dimming Leads ¹⁸ VS=Tempered Glass Vandal Shield | | | ARSA-XX=Single Pole Mount Arm ²⁰ ARWM-XX=Wall Mount Arm ARTA15-XX=Twin Mount Bracket - 1.5G ²⁰ ARPA4-XX=Pole Adapter 4" O.D. Pole FSIR-100=Wireless Configuration Tool for Occupancy Sensor ¹⁸ | | |

NOTES:

- Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional information.
- Fixture splits over standard 2-3/8" tenon. 3" O.D. tenon when used with a ARPA4-XX 4" O.D. pole adapter.
- Lumens are nominal. See lumen table for more information.
- B4 only available with Type V distribution.
- Standard 4000K CCT, nominal 70 CRI.
- Requires the use of a step down transformer.
- Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
- Cutsum and RAL color matching available upon request. Consult your lighting representative at Eaton for more information.
- Extended lead times apply. Use dedicated IES files when performing layouts. These files are published on the Arbor luminaire product page on the website.
- Not available with MS, MSDIM or DIMRF options.
- Compatible with standard 3-PIN photocontrols and 5-PIN or 7-PIN ANSI controls.
- Not available with Type II, III and IV B3 optics.
- Not available with HA option.
- Replace XX with mounting height in feet for proper lens selection. L8, L20 and L40 are available options.
- This tool enables adjustment of parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Eaton for more information.
- LumaWatt Pro wireless sensors are factory installed and require network components LWP-EM-1, LWP-GW-1, and LWP-Po in appropriate quantities. See www.eaton.com/lighting for LumaWatt application information.
- Only available with B1 and B2 lumen packages.
- Low voltage control leads brought out 18" outside fixture. Not available with control options.
- Replace XX with color designation.
- Fits on 3" O.D. x 4" long tenon for nominal 4-1/2" O.D. pole top.



Eaton
1121 Highway 78 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

Specifications and
dimensions subject to
change without notice.

COLOR TEMPERATURE

| Color Temperature (CCT) | CRI (Nominal) | Multiplier (Hours) |
|-------------------------|---------------|--------------------|
| 4000 | 70 | 1.00 |
| 3000 | 80 | 0.91 |

LUMEN MULTIPLIER

| Ambient Temperature | Lumen Multiplier |
|---------------------|------------------|
| 0 C | 1.02 |
| 10 C | 1.01 |
| 25 C | 1.00 |
| 40 C | 0.99 |
| 50 C | 0.97 |

LUMEN MAINTENANCE

| Ambient Temperature | TM-21 Lumen Maintenance (60,000 Hours) | Calculated L70 (Hours) |
|---------------------|--|------------------------|
| 25 C | >91% | >230,000 |
| 40 C | >88% | >172,000 |
| 50 C | >86% | >142,000 |

NOTE: Maintenance data applies to the highest drive current and represents the worst case at the highest wattage.

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EXHIBIT 10.03 .02

LED Bollards with rotationally symmetrical distribution

LX3

Post construction: One piece extruded aluminum, with a one piece aluminum top housing and base, internally welded into an assembly. Die castings are marine grade, copper free (≤ 0.3% copper content) A360.0 aluminum alloy.

Enclosure: Heavy walled, die-cast aluminum cap. Clear 3/16" thick borosilicate glass with pure anodized aluminum cone reflector. Fully gasketed using high temperature silicone rubber O-ring gaskets.

Electrical: 14.4 W LED luminaire, 20 total system watts, -20° C start temperature. Integral 120 V through 277 V electronic LED driver, 0-10V, TRIAC, and ELV dimmable. LED module(s) are available from factory for easy replacement.

Standard LED color temperature is 3000K with a >80 CRI. Available in 4000K (>80 CRI); add suffix K4 to order.

Note: Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

Anchor base: Heavy cast aluminum, slotted for precise alignment. Mounts to BEGA 79817 anchorage kit (supplied).

Finish: All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.

UL listed for US and Canadian Standards, suitable for wet locations. Protection class IP65.

Luminaire Lumens: 746

Type:
BEGA Product:
Project:
Voltage:
Color:
Options:
Modified:



| | Lamp | A | B | Anchorage |
|-------|------------|-------|--------|-----------|
| 99570 | 14.4 W LED | 6 1/2 | 39 3/8 | 79817 |

1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 FAX (805) 566-9474 www.bega-us.com
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EXHIBIT 10.03 .03

DATE

PROJECT

FIRM

TYPE LX4

RISE IS A SYSTEM OF BEAUTIFULLY DESIGNED OUTDOOR RATED LUMINAIRES THAT PROVIDE EFFICIENT AND POWERFUL LIGHT USING THE LATEST IN LED TECHNOLOGY. RISE F170 SINGLE IS A POWERFUL AND COMPACT LED LIGHT FIXTURE, DELIVERING UP TO 2900 LUMENS, THAT CAN BE USED IN SPOT, ACCENT, LANDSCAPE AND FLOODLIGHT APPLICATIONS. ITS UNIQUE MACRO™ LOCK FEATURE ALLOWS FOR FULL 180 DEGREE TILT AND 360 DEGREE PAN AIMABILITY USING ONLY ONE TOOL.

- FEATURES :
- ONLY 5° LASER SPOT
 - STRONGEST CBCP IN MARKET
 - POWERFUL OUTPUT 1200-2900LMS
 - MACRO™ LOCK - 180° TILT AND 360° PAN
 - 11 UNIQUE BEAM ANGLES
 - MULTIVOLT (110-277V)
 - 8 CCTS: 2200K THROUGH 6500K
 - 80+ AND 90+ CRI
 - DIMMABLE TO 5%
 - IP66 RATED



| FIXTURE MODEL | FIXTURE CONFIG. | POWER/ LUMEN OUTPUT* | CCT/ COLOR | CRI | BEAM ANGLE | FINISHES | ACCESSORIES | WIRING AND MOUNTING |
|---------------|------------------|---|---|--|---|---|---|---|
| F170 | 1S | | | | | | | |
| F170 | 1S - Single Head | LO - Low Output MO - Medium Output HO - High Output | 22 - 2200K 25 - 2500K 27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K 50 - 5000K 65 - 6500K RD - Red GR - Green BL - Blue AM - Amber | 8 - 80 9 - 90+ X - For RD, GR, BL, AM *90 CRI not available in 2200K, 2500K, 5000K, and 6500K | 05 - Laser Spot (5°) 10 - Very Narrow Spot (10°) 15 - Narrow Spot (15°) 20 - Spot (20°) 40 - Flood (40°) 60 - Wide Flood (60°) 80 - Very Wide Flood (80°) E1 - Elliptical 1 (15°x60°) E2 - Elliptical 2 (30°x60°) E3 - Elliptical 3 (60°x15°) E4 - Elliptical 4 (60°x30°) | K - Black Z - Bronze S - Silver W - White C - Custom* *Select color at pantone.com | X - No Accessory H - Half Snoot F - Full Snoot C - Custom Will ship as X if not specified | A - 19" Flying Leads - Internal Cable IC; Bottom Exit; 1/2" NPT ; UL/CE Rated B* - 10' External Cable Side Exit; Surface Mount ; UL/CE Rated C* - 10' External Cable Bottom Exit; Surface Mount - 1/2" NPT ; UL/CE Rated Will ship as A if not specified |

EXAMPLE: F170-1S-LO-22-8-05-S-X-A
*See Photometry Chart for Lumen Data

| PERFORMANCE | WATTS | POWER | LUMEN OUTPUT | OPTIC | EFFICACY | CBCP |
|-------------|-------|---------------|--------------|-------|----------|---------|
| | 13 | Low Output | 1321 | 5° | 102 | 76,168 |
| | 25 | Medium Output | 2239 | 5° | 90 | 129,065 |
| | 38 | High Output | 2907 | 5° | 77 | 167,560 |

ALL LUMEN DATA IS FROM 4000K 80CRI FIXTURES. PLEASE SEE PHOTOMETRY SPEC SHEET FOR ADDITIONAL LUMEN DATA.

| | | | | | |
|---------------------------------|------------------------|--------------------------|-------------------------|-------------------------|-----------|
| COLOR RENDERING INDEX | 80+, 90+ | | | | |
| COLOR CONSISTENCY | 3-STEP MACADAM ELLIPSE | | | | |
| LUMEN DEPRECIATION / RATED LIFE | | | | | |
| | WATTS | L70 @ 25C | L70 @ 50C | L90 @ 25C | L90 @ 50C |
| | HIGH | >60,500* >(181,000)** | 36,300* >(109,000)** | >60,500* >(69,800)** | >31,700* |

* ENERGY STAR REPORTED TESTING HOURS TO DATE. CALCULATIONS FOR LED FIXTURES ARE BASED ON MEASUREMENTS THAT COMPLY WITH IES LM-80 TESTING PROCEDURES AND IES TM-21 CALCULATOR
** ESTIMATED HOURS

NOTE: Information on this Spec Sheet is subject to change, please visit ecosenselighting.com/raise for the most updated information.

| | | | | |
|---|---|--|----------------------|-----|
| ECOSENSE LIGHTING INC. 837 NORTH SPRING STREET SUITE 103 LOS ANGELES, CA 90012 | P • 310.496.6255 F • 310.496.6256 T • 855.632.6736 855.6.ECSEN | SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE VISIT ECOSENSELIGHTING.COM FOR THE MOST CURRENT SPECIFICATIONS. FOR A LIST OF PATENTS VISIT ECOSENSELIGHTING.COM/IP-PORTFOLIO/ ©2019 ECOSENSE LIGHTING INC. ALL RIGHTS RESERVED. ECOSENSE, THE ECOSENSE LOGO, TROY, TROY AND ECOSPEC ARE REGISTERED TRADEMARKS OF ECOSENSE LIGHTING INC. RISE™, SLIM COVE™, FREEDOM TO CREATE™, MACRO™, FLIP-TO-FLAT™ ARE TRADEMARKS OF ECOSENSE LIGHTING INC. | ECOSENSELIGHTING.COM | 1/4 |
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DATE

PROJECT

FIRM

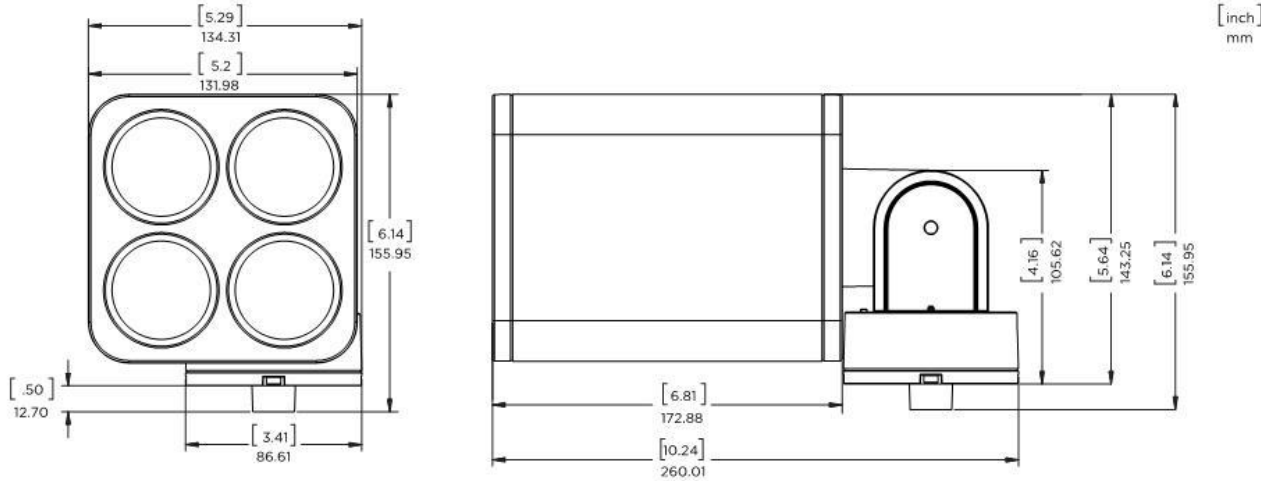
TYPE

| | |
|---------------|-------------------|
| Color Filters | |
| Red | F170-FILTER-RED |
| Blue | F170-FILTER-BLUE |
| Green | F170-FILTER-GREEN |
| Amber | F170-FILTER-AMBER |

| | |
|--|---------------------|
| F170 Wall Mount Arm (for use only with Wiring Option A and C Only- 1/2" NPT, not for use with multi-fixture units) | |
| Wall Mount Arm, 6 inch, Color Finish (K=Black, S=Silver, C=Custom) | F170-WMA-06-(K,S,C) |
| Wall Mount Arm, 12 inch, Color Finish (K=Black, S=Silver, C=Custom) | F170-WMA-12-(K,S,C) |
| Wall Mount Arm, 18 inch, Color Finish (K=Black, S=Silver, C=Custom) | F170-WMA-18-(K,S,C) |
| Wall Mount Arm, 24 inch, Color Finish (K=Black, S=Silver, C=Custom) | F170-WMA-24-(K,S,C) |

| | |
|---|-------------------|
| Ground Stake (for use only with Wiring Option A and C Only- 1/2" NPT, not for use with multi-fixture units) | |
| Landscape Stake, 12in | F170-LS-1S-STK-12 |

DIMENSIONS



NOTE: Information on this Spec Sheet is subject to change, please visit ecosenselighting.com/raise for the most updated information.

| | | | | |
|---|---|--|----------------------|-----|
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|---|---|--|----------------------|-----|

20170402

RISE IS A SYSTEM OF BEAUTIFULLY DESIGNED OUTDOOR RATED LUMINAIRES THAT PROVIDE EFFICIENT AND POWERFUL LIGHT USING THE LATEST IN LED TECHNOLOGY. RISE F080 SINGLE IS A POWERFUL AND COMPACT LED LIGHT FIXTURE, DELIVERING UP TO 745 LUMENS, THAT CAN BE USED IN SPOT, ACCENT, LANDSCAPE AND FLOODLIGHT APPLICATIONS. ITS UNIQUE MACRO™ LOCK FEATURE ALLOWS FOR FULL 180 DEGREE TILT AND 360 DEGREE PAN AIMABILITY USING ONLY ONE TWIST.

- FEATURES :
- POWERFUL CBCP
 - ONLY 5° LASER SPOT
 - EXTREMELY COMPACT
 - POWERFUL OUTPUT 300-745LMS
 - MACRO™ LOCK - 180° TILT AND 360° PAN
 - 11 UNIQUE BEAM ANGLES
 - MULTIVOLT (110V-277V)
 - 8 CCTS: 2200K THROUGH 6500K
 - 80+ AND 90+ CRI
 - DIMMABLE TO 5%
 - IP66 RATED



| FIXTURE MODEL | FIXTURE CONFIG. | POWER/ LUMEN OUTPUT* | CCT/ COLOR | CRI | BEAM ANGLE | FINISHES | ACCESSORIES | WIRING AND MOUNTING |
|---------------|------------------|---|---|--|---|---|---|---|
| F080 | 1S | | | | | | | |
| F080 | 1S - Single Head | LO - Low Output MO - Medium Output HO - High Output | 22 - 2200K 25 - 2500K 27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K 50 - 5000K 65 - 6500K RD - Red GR - Green BL - Blue AM - Amber | 8 - 80 9 - 90+ X - For RD, GR, BL, AM *90 CRI not available in 2200K, 2500K, 5000K, and 6500K | 05 - Laser Spot (5°) 10 - Very Narrow Spot (10°) 15 - Narrow Spot (15°) 20 - Spot (20°) 40 - Flood (40°) 60 - Wide Flood (60°) 80 - Very Wide Flood (80°) E1 - Elliptical 1 (15°x60°) E2 - Elliptical 2 (30°x60°) E3 - Elliptical 3 (60°x15°) E4 - Elliptical 4 (60°x30°) | K - Black Z - Bronze S - Silver W - White C - Custom* *Select color at pantone.com | X - No Accessory H - Half Snoot F - Full Snoot C - Custom Will ship as X if not specified | A - 19" Flying Leads - Internal Cable IC; Bottom Exit; 1/2" NPT ; UL/CE Rated B* - 10' External Cable Side Exit; Surface Mount ; UL/CE Rated C* - 10' External Cable Bottom Exit; Surface Mount - 1/2" NPT ; UL/CE Rated Will ship as A if not specified |

EXAMPLE: F080-1S-LO-22-8-05-S-X-A
*See Photometry Chart for Lumen Data

| PERFORMANCE | WATTS | POWER | LUMEN OUTPUT | OPTIC | EFFICACY | CBCP |
|-------------|-------|---------------|--------------|-------|----------|--------|
| | 4 | Low Output | 309 | 5° | 77 | 21,991 |
| | 7.5 | Medium Output | 531 | 5° | 71 | 37,824 |
| | 11.5 | High Output | 745 | 5° | 65 | 53,048 |

ALL LUMEN DATA IS FROM 4000K 80CRI FIXTURES. PLEASE SEE PHOTOMETRY SPEC SHEET FOR ADDITIONAL LUMEN DATA.

| | | | | | |
|---------------------------------|------------------------|--------------------------|-------------------------|-------------------------|-----------|
| COLOR RENDERING INDEX | 80+, 90+ | | | | |
| COLOR CONSISTENCY | 3-STEP MACADAM ELLIPSE | | | | |
| LUMEN DEPRECIATION / RATED LIFE | WATTS | L70 @ 25C | L70 @ 50C | L90 @ 25C | L90 @ 50C |
| | HIGH | >60,500* >(181,000)** | 36,300* >(109,000)** | >60,500* >(69,800)** | >31,700* |

* ENERGY STAR REPORTED TESTING HOURS TO DATE. CALCULATIONS FOR LED FIXTURES ARE BASED ON MEASUREMENTS THAT COMPLY WITH IES LM-80 TESTING PROCEDURES AND IES TM-21 CALCULATOR
** ESTIMATED HOURS

NOTE: Information on this Spec Sheet is subject to change; please visit ecosenselighting.com/rise for the most updated information.

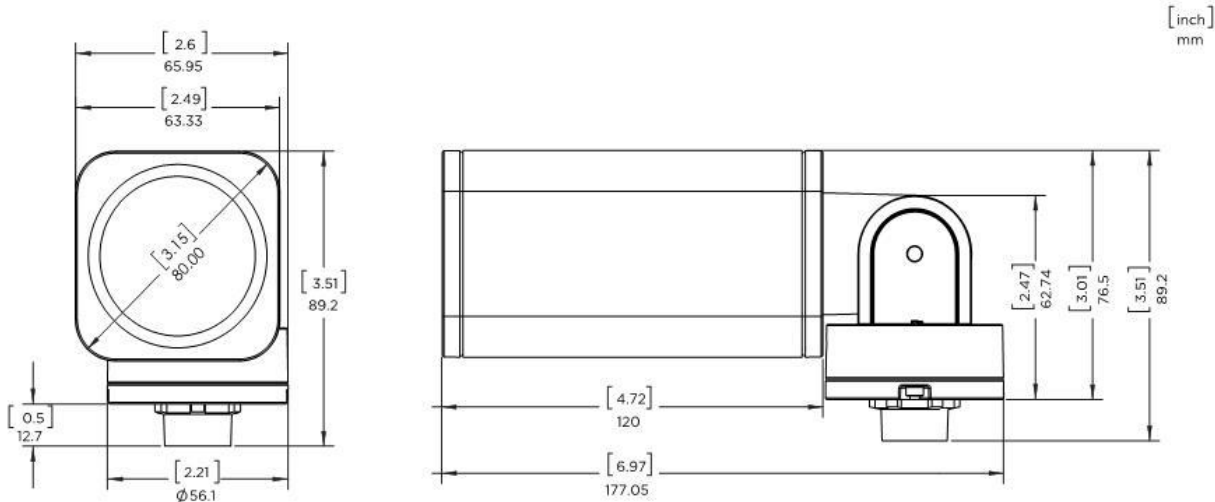
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|---|--|---|----------------------|-----|
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|---|--|---|----------------------|-----|

| | |
|---------------|-------------------|
| Color Filters | |
| Red | F080-FILTER-RED |
| Blue | F080-FILTER-BLUE |
| Green | F080-FILTER-GREEN |
| Amber | F080-FILTER-AMBER |

| | |
|--|---------------------|
| F080 Wall Mount Arm (for use only with Wiring Option C - External Cable Bottom Exit) | |
| Wall Mount Arm, 6 inch, Color Finish (K=Black, S=Silver, C=Custom) | F080-WMA-06-(K,S,C) |
| Wall Mount Arm, 12 inch, Color Finish (K=Black, S=Silver, C=Custom) | F080-WMA-12-(K,S,C) |
| Wall Mount Arm, 18 inch, Color Finish (K=Black, S=Silver, C=Custom) | F080-WMA-18-(K,S,C) |
| Wall Mount Arm, 24 inch, Color Finish (K=Black, S=Silver, C=Custom) | F080-WMA-24-(K,S,C) |

| | |
|---|-------------------|
| Ground Stake (for use only with Wiring Option A and C Only- 1/2" NPT, not for use with multi-fixture units) | |
| Landscape Stake, 12in (for use with F080 Single Head only, not for use with multi-fixture units) | F080-LS-1S-STK-12 |

DIMENSIONS



NOTE: Information on this Spec Sheet is subject to change; please visit ecosenselighting.com/rise for the most updated information.

| | | | | |
|---|--|---|----------------------|-----|
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|---|--|---|----------------------|-----|

Wall luminaires with single-sided light output

LX6

Housing: Extruded and die cast aluminum. Mounts directly to a BEGA 19537 box (provided). Die castings are marine grade, copper free (≤ 0.3% copper content) A360.0 aluminum alloy.

Enclosure: Tempered, clear glass, flush to the die casting to prevent water accumulation. Fully gasketed for weather tight operation using a 'U' channel molded silicone rubber gasket.

Electrical: 7.9W LED luminaire, 10.5 total system watts, -30°C start temperature. Integral 120V through 277V electronic LED driver, 0-10V dimming. LED module(s) are available from factory for easy replacement. Standard LED color temperature is 3000K with an 85 CRI. Available in 4000K (85 CRI); add suffix K4 to order.

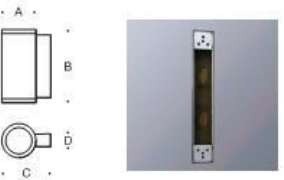
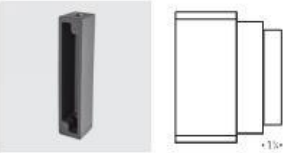
Notes: LEDs supplied with luminaire. Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

Finish: All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.


CSA certified to U.S. and Canadian standards for wet locations.
Protection class IP65

Weight: 4.4 lbs

Mounting options:
79547 Surface-mount wiring box



These luminaires mount over a custom BEGA recessed box. This box can be shipped ahead of the luminaire.

| Narrow beam upwards or downwards | | | | | | | |
|---|---------|----------|-------|----|----|----|-------------|
|  | Lamp | β | A | B | C | D | Wiring box* |
| | 66 655* | 7.9W LED | 19.5° | 4% | 9% | 6% | 1% |

β = Beam angle *Small opening wiring box included.

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Type:

BEGA Product:

Project:

Voltage:

Color:

Options:

Modified:



EXHIBIT 10.03 .06